

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

06/06/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	15.30	16.57	16.88	16.51	17.32	18.68	17.06	19.80	20.41	19.13	21.21	22.62	22.37	23.74	20.37	20.69	20.55	23.64	22.53	22.63	21.99	21.92	19.04	21.22
24138	0.84	0.84	0.81	0.83	0.83	0.85	0.85	1.07	1.17	1.11	1.24	1.41	1.54	1.74	1.47	1.52	1.56	1.76	1.59	1.43	1.25	1.21	1.02	0.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.66	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	15.31	16.58	16.88	16.52	17.32	18.67	17.06	19.78	20.38	19.11	21.18	22.57	22.33	23.69	20.33	20.65	20.51	23.61	22.51	22.63	22.00	21.94	19.07	21.26
24260	0.86	0.85	0.81	0.84	0.83	0.85	0.84	1.06	1.14	1.09	1.20	1.37	1.50	1.69	1.43	1.49	1.52	1.73	1.57	1.43	1.26	1.24	1.05	0.99
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.66	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	15.31	16.58	16.88	16.52	17.32	18.67	17.06	19.78	20.38	19.11	21.18	22.57	22.33	23.69	20.33	20.65	20.51	23.61	22.51	22.63	22.00	21.94	19.07	21.26
24261	0.86	0.85	0.81	0.84	0.83	0.85	0.84	1.06	1.14	1.09	1.20	1.37	1.50	1.69	1.43	1.49	1.52	1.73	1.57	1.43	1.26	1.24	1.05	0.99
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.66	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	15.56	16.90	17.22	16.81	17.70	19.14	17.53	19.62	20.64	19.19	21.36	22.76	22.17	23.57	20.17	20.42	20.36	23.77	22.75	22.95	22.42	22.43	19.50	21.80
24011	1.11	1.17	1.15	1.14	1.20	1.32	1.32	1.42	1.39	1.24	1.38	1.55	1.34	1.57	1.26	1.25	1.38	1.89	1.82	1.75	1.68	1.73	1.48	1.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	15.66	17.01	17.33	16.91	17.84	19.29	17.70	19.77	20.78	19.33	21.49	22.95	22.34	23.76	20.32	20.54	20.50	23.99	22.94	23.13	22.59	22.65	19.71	22.02
23798	1.20	1.28	1.26	1.23	1.34	1.47	1.49	1.57	1.54	1.38	1.52	1.75	1.51	1.76	1.42	1.38	1.52	2.11	2.01	1.93	1.86	1.94	1.69	1.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	15.56	16.90	17.22	16.81	17.70	19.14	17.53	19.62	20.64	19.19	21.36	22.76	22.17	23.57	20.17	20.42	20.36	23.77	22.75	22.95	22.42	22.43	19.50	21.80
24028	1.11	1.17	1.15	1.14	1.20	1.32	1.32	1.42	1.39	1.24	1.38	1.55	1.34	1.57	1.26	1.25	1.38	1.89	1.82	1.75	1.68	1.73	1.48	1.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	15.30	16.62	16.94	16.54	17.30	18.68	17.00	19.07	19.96	18.48	20.57	21.97	21.47	22.74	19.51	19.80	19.80	22.87	21.85	22.18	21.60	21.63	18.86	21.06
23527	0.84	0.89	0.86	0.87	0.80	0.86	0.78	0.85	0.72	0.53	0.60	0.76	0.63	0.74	0.61	0.63	0.82	1.00	0.92	0.98	0.86	0.92	0.85	0.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	14.72	15.91	16.22	15.85	16.64	17.93	16.37	18.37	19.34	17.96	20.02	21.36	20.97	22.20	19.06	19.37	19.29	22.24	21.24	21.49	20.93	20.91	18.21	20.37
24190	0.26	0.18	0.15	0.18	0.15	0.11	0.16	0.17	0.10	0.01	0.05	0.15	0.14	0.20	0.15	0.20	0.31	0.36	0.31	0.28	0.19	0.21	0.20	0.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	14.38	15.68	16.07	15.65	16.48	17.86	16.27	18.14	19.34	18.04	20.09	21.27	20.90	22.04	18.93	19.16	18.92	21.75	20.82	21.13	20.82	20.78	18.05	20.31
355683	-0.07	-0.05	0.00	-0.03	-0.01	0.05	0.06	0.07	0.10	0.10	0.11	0.06	0.07	0.04	0.03	0.00	-0.07	-0.13	-0.11	-0.07	0.08	0.07	0.04	0.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	14.72	15.91	16.22	15.85	16.64	17.93	16.37	18.37	19.34	17.96	20.02	21.36	20.97	22.20	19.06	19.37	19.29	22.24	21.24	21.49	20.93	20.91	18.21	20.37
23571	0.26	0.18	0.15	0.18	0.15	0.11	0.16	0.17	0.10	0.01	0.05	0.15	0.14	0.20	0.15	0.20	0.31	0.36	0.31	0.28	0.19	0.21	0.20	0.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___2	14.72	15.91	16.22	15.85	16.64	17.93	16.37	18.37	19.34	17.96	20.02	21.36	20.97	22.20	19.06	19.37	19.29	22.24	21.24	21.49	20.93	20.91	18.21	20.37
23572	0.26	0.18	0.15	0.18	0.15	0.11	0.16	0.17	0.10	0.01	0.05	0.15	0.14	0.20	0.15	0.20	0.31	0.36	0.31	0.28	0.19	0.21	0.20	0.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___3	14.72	15.91	16.22	15.85	16.64	17.93	16.37	18.37	19.34	17.96	20.02	21.36	20.97	22.20	19.06	19.37	19.29	22.24	21.24	21.49	20.93	20.91	18.21	20.37
23573	0.26	0.18	0.15	0.18	0.15	0.11	0.16	0.17	0.10	0.01	0.05	0.15	0.14	0.20	0.15	0.20	0.31	0.36	0.31	0.28	0.19	0.21	0.20	0.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___4 23574	14.72 0.26 0.00	15.91 0.18 0.00	16.22 0.15 0.00	15.85 0.18 0.00	16.64 0.15 0.00	17.93 0.11 0.00	16.37 0.16 0.00	18.37 0.17 -0.13	19.34 0.10 0.00	17.96 0.01 -0.02	20.02 0.05 0.00	21.36 0.15 0.00	20.97 0.14 0.00	22.20 0.20 0.00	19.06 0.15 0.00	19.37 0.20 0.00	19.29 0.31 0.00	22.24 0.36 0.00	21.24 0.31 0.00	21.49 0.28 0.00	20.93 0.19 0.00	20.91 0.21 0.00	18.21 0.20 0.00	20.37 0.09 0.00
ALBANY___LFGE 323615	14.85 0.40 0.00	16.07 0.35 0.00	16.39 0.32 0.00	16.01 0.34 0.00	16.82 0.32 0.00	18.12 0.29 0.00	16.54 0.33 0.00	18.57 0.37 -0.13	19.69 0.45 0.00	18.37 0.42 -0.02	20.48 0.51 0.00	21.70 0.49 0.00	21.19 0.36 0.00	22.43 0.44 0.00	19.27 0.36 0.00	19.58 0.41 0.00	19.51 0.52 0.00	22.49 0.62 0.00	21.48 0.55 0.00	21.73 0.52 0.00	21.16 0.42 0.00	21.14 0.43 0.00	18.41 0.39 0.00	20.58 0.31 0.00
ALCOA_PA_115KV_PL-6C 55860	14.48 0.02 0.00	15.80 0.07 0.00	16.19 0.12 0.00	15.77 0.10 0.00	16.62 0.13 0.00	18.02 0.20 0.00	16.40 0.19 0.00	18.29 0.22 0.00	19.50 0.26 0.00	18.20 0.26 0.00	20.27 0.29 0.00	21.45 0.24 0.00	21.07 0.23 0.00	22.21 0.22 0.00	19.08 0.18 0.00	19.27 0.11 0.00	19.00 0.02 0.00	21.84 -0.04 0.00	20.91 -0.03 0.00	21.25 0.05 0.00	20.99 0.25 0.00	20.94 0.24 0.00	18.20 0.18 0.00	20.47 0.19 0.00
ALCOA_RYNLDS___DRP 24188	14.48 0.02 0.00	15.80 0.07 0.00	16.19 0.12 0.00	15.77 0.10 0.00	16.62 0.13 0.00	18.02 0.20 0.00	16.40 0.19 0.00	18.29 0.22 0.00	19.50 0.26 0.00	18.20 0.26 0.00	20.27 0.29 0.00	21.45 0.24 0.00	21.07 0.23 0.00	22.21 0.22 0.00	19.08 0.18 0.00	19.27 0.11 0.00	19.00 0.02 0.00	21.84 -0.04 0.00	20.91 -0.03 0.00	21.25 0.05 0.00	20.99 0.25 0.00	20.94 0.24 0.00	18.20 0.18 0.00	20.47 0.19 0.00
ALCOA___DSASP 323711	14.49 0.03 0.00	15.80 0.07 0.00	16.19 0.12 0.00	15.77 0.10 0.00	16.62 0.13 0.00	18.02 0.20 0.00	16.41 0.19 0.00	18.29 0.22 0.00	19.50 0.26 0.00	18.20 0.26 0.00	20.27 0.29 0.00	21.45 0.24 0.00	21.07 0.24 0.00	22.21 0.22 0.00	19.08 0.18 0.00	19.28 0.12 0.00	19.00 0.02 0.00	21.84 -0.04 0.00	20.91 -0.03 0.00	21.25 0.05 0.00	20.99 0.25 0.00	20.95 0.24 0.00	18.19 0.18 0.00	20.47 0.19 0.00
ALLEGHENY___COGEN 23514	14.67 0.21 0.00	15.95 0.22 0.00	16.38 0.31 0.00	15.90 0.22 0.00	16.82 0.33 0.00	18.30 0.48 0.00	16.69 0.48 0.00	18.56 0.49 0.00	19.58 0.34 0.00	18.22 0.29 0.00	20.16 0.18 0.00	21.02 -0.18 0.00	20.34 -0.49 0.00	21.25 -0.75 0.00	18.52 -0.65 -0.26	21.78 -0.66 -3.27	23.44 -0.47 -4.92	21.57 -0.31 0.00	20.85 -0.08 0.00	21.43 0.23 0.00	21.17 0.43 0.00	21.19 0.49 0.00	18.44 0.43 0.00	20.94 0.67 0.00
ALTAMONT_115KV_TB 2 55880	14.87 0.41 0.00	16.14 0.41 0.00	16.45 0.38 0.00	16.08 0.40 0.00	16.88 0.39 0.00	18.20 0.38 0.00	16.59 0.38 0.00	18.63 0.44 -0.12	19.64 0.40 0.00	18.27 0.32 -0.02	20.37 0.39 0.00	21.70 0.49 0.00	21.30 0.46 0.00	22.52 0.52 0.00	19.36 0.46 0.00	19.66 0.49 0.00	19.54 0.55 0.00	22.55 0.67 0.00	21.55 0.62 0.00	21.79 0.59 0.00	21.24 0.50 0.00	21.22 0.51 0.00	18.48 0.46 0.00	20.69 0.42 0.00
ALTONA_WT_PWR 323606	14.59 0.14 0.00	15.84 0.11 0.00	16.33 0.26 0.00	15.97 0.29 0.00	16.99 0.49 0.00	18.41 0.59 0.00	16.83 0.62 0.00	18.76 0.69 0.00	20.19 0.94 0.00	18.73 0.79 0.00	20.77 0.80 0.00	22.08 0.87 0.00	21.57 0.74 0.00	22.72 0.72 0.00	19.50 0.59 0.00	19.72 0.55 0.00	19.33 0.34 0.00	21.96 0.08 0.00	21.06 0.12 0.00	21.26 0.06 0.00	21.40 0.66 0.00	21.56 0.85 0.00	18.56 0.54 0.00	20.91 0.64 0.00
AMERICAN_REF_FUEL 24010	13.90 -0.55 0.00	15.16 -0.57 0.00	15.56 -0.51 0.00	15.12 -0.55 0.00	15.96 -0.53 0.00	17.42 -0.40 0.00	15.70 -0.51 0.00	17.43 -0.64 0.00	18.56 -0.68 0.00	17.49 -0.44 0.00	19.42 -0.56 0.00	20.31 -0.90 0.00	19.81 -1.03 0.00	20.66 -1.34 0.00	17.73 -1.12 0.06	17.31 -1.14 0.71	16.72 -1.20 1.07	20.39 -1.49 0.00	19.61 -1.33 0.00	19.87 -1.34 0.00	19.36 -1.38 0.00	19.25 -1.45 0.00	17.00 -1.01 0.00	19.44 -0.84 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	14.14 -0.31 0.00	15.54 -0.19 0.00	16.08 0.01 0.00	15.69 0.01 0.00	16.58 0.08 0.00	17.99 0.17 0.00	16.29 0.07 0.00	18.39 0.32 0.00	19.78 0.54 0.00	18.64 0.71 0.00	20.73 0.75 0.00	21.73 0.53 0.00	21.13 0.30 0.00	21.96 -0.04 0.00	18.91 0.03 0.02	19.00 0.11 0.28	18.65 0.08 0.41	21.91 0.04 0.00	21.11 0.17 0.00	21.39 0.19 0.00	20.81 0.07 0.00	20.81 0.10 0.00	18.02 0.01 0.00	20.44 0.17 0.00
ARTHUR_KILL_GT_1 23520	15.25 0.79 0.00	16.55 0.82 0.00	16.86 0.79 0.00	16.48 0.81 0.00	17.32 0.83 0.00	18.67 0.85 0.00	17.05 0.84 0.00	19.69 0.96 -0.66	20.25 1.01 0.00	18.98 0.97 -0.08	21.00 1.03 0.00	22.38 1.17 0.00	22.13 1.30 0.00	23.47 1.47 0.00	20.15 1.25 0.00	20.53 1.36 -0.01	20.36 1.38 0.00	23.47 1.59 0.00	22.38 1.44 0.00	22.51 1.31 0.00	21.91 1.17 -0.01	21.87 1.16 -0.01	19.00 0.98 0.00	21.20 0.92 0.00
ARTHUR_KILL_2 23512	15.21 0.76 0.00	16.51 0.78 0.00	16.83 0.76 0.00	16.45 0.77 0.00	17.29 0.80 0.00	18.62 0.80 0.00	17.01 0.80 0.00	19.64 0.91 -0.66	20.21 0.96 0.00	18.93 0.91 -0.08	20.96 0.98 0.00	22.33 1.12 0.00	22.08 1.25 0.00	23.42 1.42 0.00	20.10 1.20 0.00	20.48 1.31 -0.01	20.30 1.32 0.00	23.40 1.52 0.00	22.32 1.38 0.00	22.45 1.25 0.00	21.85 1.10 -0.01	21.81 1.10 -0.01	18.95 0.94 0.00	21.14 0.87 0.00
ARTHUR_KILL_3 23513	15.17 0.72 0.00	16.43 0.70 0.00	16.72 0.65 0.00	16.37 0.70 0.00	17.17 0.68 0.00	18.49 0.67 0.00	16.87 0.66 0.00	19.56 0.84 -0.66	20.14 0.90 0.00	18.88 0.86 -0.08	20.93 0.96 0.00	22.32 1.11 0.00	22.09 1.26 0.00	23.45 1.45 0.00	20.12 1.22 0.00	20.45 1.28 0.00	20.30 1.32 0.00	23.38 1.50 0.00	22.30 1.36 0.00	22.39 1.19 0.00	21.79 1.05 0.00	21.74 1.03 0.00	18.88 0.87 0.00	21.06 0.79 0.00
ARTHUR_KILL_COGEN 323718	15.25 0.79 0.00	16.55 0.82 0.00	16.86 0.79 0.00	16.48 0.81 0.00	17.32 0.83 0.00	18.67 0.85 0.00	17.05 0.84 0.00	19.69 0.96 -0.66	20.25 1.01 0.00	18.98 0.97 -0.08	21.00 1.03 0.00	22.38 1.17 0.00	22.13 1.30 0.00	23.47 1.47 0.00	20.15 1.25 0.00	20.53 1.36 -0.01	20.36 1.38 0.00	23.47 1.59 0.00	22.38 1.44 0.00	22.51 1.31 0.00	21.91 1.17 -0.01	21.87 1.16 -0.01	19.00 0.98 0.00	21.20 0.92 0.00
ASHOKAN____ 23654	14.91 0.45 0.00	16.17 0.44 0.00	16.47 0.39 0.00	16.10 0.43 0.00	16.89 0.40 0.00	18.24 0.42 0.00	16.62 0.41 0.00	18.61 0.54 0.00	19.76 0.52 0.00	18.36 0.43 0.00	20.52 0.55 0.00	21.87 0.66 0.00	21.51 0.68 0.00	22.79 0.79 0.00	19.52 0.61 0.00	19.88 0.72 0.00	19.77 0.78 0.00	22.86 0.98 0.00	21.73 0.80 0.00	21.95 0.75 0.00	21.40 0.66 0.00	21.35 0.64 0.00	18.52 0.50 0.00	20.80 0.52 0.00

ASTORIA_EAST_ENERGY_CC1 323581	15.21 0.76 0.00	16.48 0.75 0.00	16.79 0.72 0.00	16.40 0.73 0.00	17.21 0.72 0.00	18.51 0.69 0.00	16.93 0.72 0.00	19.64 0.91 -0.66	20.22 0.98 0.00	18.94 0.92 -0.08	20.95 0.98 0.00	22.35 1.14 0.00	22.10 1.26 0.00	23.43 1.43 0.00	20.11 1.20 0.00	20.43 1.26 0.00	20.28 1.29 0.00	23.35 1.47 0.00	22.25 1.31 0.00	22.41 1.21 0.00	21.78 1.04 0.00	21.74 1.03 0.00	18.91 0.90 0.00	21.07 0.80 0.00
ASTORIA_EAST_ENERGY_CC2 323582	15.21 0.76 0.00	16.48 0.75 0.00	16.79 0.72 0.00	16.40 0.73 0.00	17.21 0.72 0.00	18.51 0.69 0.00	16.93 0.72 0.00	19.64 0.91 -0.66	20.22 0.98 0.00	18.94 0.92 -0.08	20.95 0.98 0.00	22.35 1.14 0.00	22.10 1.26 0.00	23.43 1.43 0.00	20.11 1.20 0.00	20.43 1.26 0.00	20.28 1.29 0.00	23.35 1.47 0.00	22.25 1.31 0.00	22.41 1.21 0.00	21.78 1.04 0.00	21.74 1.03 0.00	18.91 0.90 0.00	21.07 0.80 0.00
ASTORIA_GT2_1 24094	15.22 0.77 0.00	16.49 0.76 0.00	16.80 0.73 0.00	16.42 0.75 0.00	17.22 0.73 0.00	18.52 0.70 0.00	16.94 0.73 0.00	19.65 0.92 -0.66	20.23 0.99 0.00	18.95 0.93 -0.08	20.96 0.99 0.00	22.35 1.15 0.00	22.11 1.28 0.00	23.44 1.45 0.00	20.12 1.21 0.00	20.44 1.27 0.00	20.29 1.30 0.00	23.36 1.48 0.00	22.26 1.33 0.00	22.43 1.23 0.00	21.79 1.05 0.00	21.75 1.04 0.00	18.92 0.91 0.00	21.08 0.81 0.00
ASTORIA_GT2_2 24095	15.22 0.77 0.00	16.49 0.76 0.00	16.80 0.73 0.00	16.42 0.75 0.00	17.22 0.73 0.00	18.52 0.70 0.00	16.94 0.73 0.00	19.65 0.92 -0.66	20.23 0.99 0.00	18.95 0.93 -0.08	20.96 0.99 0.00	22.35 1.15 0.00	22.11 1.28 0.00	23.44 1.45 0.00	20.12 1.21 0.00	20.44 1.27 0.00	20.29 1.30 0.00	23.36 1.48 0.00	22.26 1.33 0.00	22.43 1.23 0.00	21.79 1.05 0.00	21.75 1.04 0.00	18.92 0.91 0.00	21.08 0.81 0.00
ASTORIA_GT2_3 24096	15.22 0.77 0.00	16.49 0.76 0.00	16.80 0.73 0.00	16.42 0.75 0.00	17.22 0.73 0.00	18.52 0.70 0.00	16.94 0.73 0.00	19.65 0.92 -0.66	20.23 0.99 0.00	18.95 0.93 -0.08	20.96 0.99 0.00	22.35 1.15 0.00	22.11 1.28 0.00	23.44 1.45 0.00	20.12 1.21 0.00	20.44 1.27 0.00	20.29 1.30 0.00	23.36 1.48 0.00	22.26 1.33 0.00	22.43 1.23 0.00	21.79 1.05 0.00	21.75 1.04 0.00	18.92 0.91 0.00	21.08 0.81 0.00
ASTORIA_GT2_4 24097	15.22 0.77 0.00	16.49 0.76 0.00	16.80 0.73 0.00	16.42 0.75 0.00	17.22 0.73 0.00	18.52 0.70 0.00	16.94 0.73 0.00	19.65 0.92 -0.66	20.23 0.99 0.00	18.95 0.93 -0.08	20.96 0.99 0.00	22.35 1.15 0.00	22.11 1.28 0.00	23.44 1.45 0.00	20.12 1.21 0.00	20.44 1.27 0.00	20.29 1.30 0.00	23.36 1.48 0.00	22.26 1.33 0.00	22.43 1.23 0.00	21.79 1.05 0.00	21.75 1.04 0.00	18.92 0.91 0.00	21.08 0.81 0.00
ASTORIA_GT3_1 24098	15.22 0.77 0.00	16.49 0.76 0.00	16.80 0.73 0.00	16.42 0.75 0.00	17.22 0.73 0.00	18.52 0.70 0.00	16.94 0.73 0.00	19.65 0.92 -0.66	20.23 0.99 0.00	18.95 0.93 -0.08	20.96 0.99 0.00	22.35 1.15 0.00	22.11 1.28 0.00	23.44 1.45 0.00	20.12 1.21 0.00	20.44 1.27 0.00	20.29 1.30 0.00	23.36 1.48 0.00	22.26 1.33 0.00	22.43 1.23 0.00	21.79 1.05 0.00	21.75 1.04 0.00	18.92 0.91 0.00	21.08 0.81 0.00
ASTORIA_GT3_2 24099	15.22 0.77 0.00	16.49 0.76 0.00	16.80 0.73 0.00	16.42 0.75 0.00	17.22 0.73 0.00	18.52 0.70 0.00	16.94 0.73 0.00	19.65 0.92 -0.66	20.23 0.99 0.00	18.95 0.93 -0.08	20.96 0.99 0.00	22.35 1.15 0.00	22.11 1.28 0.00	23.44 1.45 0.00	20.12 1.21 0.00	20.44 1.27 0.00	20.29 1.30 0.00	23.36 1.48 0.00	22.26 1.33 0.00	22.43 1.23 0.00	21.79 1.05 0.00	21.75 1.04 0.00	18.92 0.91 0.00	21.08 0.81 0.00
ASTORIA_GT3_3 24100	15.22 0.77 0.00	16.49 0.76 0.00	16.80 0.73 0.00	16.42 0.75 0.00	17.22 0.73 0.00	18.52 0.70 0.00	16.94 0.73 0.00	19.65 0.92 -0.66	20.23 0.99 0.00	18.95 0.93 -0.08	20.96 0.99 0.00	22.35 1.15 0.00	22.11 1.28 0.00	23.44 1.45 0.00	20.12 1.21 0.00	20.44 1.27 0.00	20.29 1.30 0.00	23.36 1.48 0.00	22.26 1.33 0.00	22.43 1.23 0.00	21.79 1.05 0.00	21.75 1.04 0.00	18.92 0.91 0.00	21.08 0.81 0.00
ASTORIA_GT3_4 24101	15.22 0.77 0.00	16.49 0.76 0.00	16.80 0.73 0.00	16.42 0.75 0.00	17.22 0.73 0.00	18.52 0.70 0.00	16.94 0.73 0.00	19.65 0.92 -0.66	20.23 0.99 0.00	18.95 0.93 -0.08	20.96 0.99 0.00	22.35 1.15 0.00	22.11 1.28 0.00	23.44 1.45 0.00	20.12 1.21 0.00	20.44 1.27 0.00	20.29 1.30 0.00	23.36 1.48 0.00	22.26 1.33 0.00	22.43 1.23 0.00	21.79 1.05 0.00	21.75 1.04 0.00	18.92 0.91 0.00	21.08 0.81 0.00
ASTORIA_GT4_1 24102	15.22 0.77 0.00	16.49 0.76 0.00	16.80 0.73 0.00	16.42 0.75 0.00	17.22 0.73 0.00	18.52 0.70 0.00	16.94 0.73 0.00	19.65 0.92 -0.66	20.23 0.99 0.00	18.95 0.93 -0.08	20.96 0.99 0.00	22.35 1.15 0.00	22.11 1.28 0.00	23.44 1.45 0.00	20.12 1.21 0.00	20.44 1.27 0.00	20.29 1.30 0.00	23.36 1.48 0.00	22.26 1.33 0.00	22.43 1.23 0.00	21.79 1.05 0.00	21.75 1.04 0.00	18.92 0.91 0.00	21.08 0.81 0.00
ASTORIA_GT4_2 24103	15.22 0.77 0.00	16.49 0.76 0.00	16.80 0.73 0.00	16.42 0.75 0.00	17.22 0.73 0.00	18.52 0.70 0.00	16.94 0.73 0.00	19.65 0.92 -0.66	20.23 0.99 0.00	18.95 0.93 -0.08	20.96 0.99 0.00	22.35 1.15 0.00	22.11 1.28 0.00	23.44 1.45 0.00	20.12 1.21 0.00	20.44 1.27 0.00	20.29 1.30 0.00	23.36 1.48 0.00	22.26 1.33 0.00	22.43 1.23 0.00	21.79 1.05 0.00	21.75 1.04 0.00	18.92 0.91 0.00	21.08 0.81 0.00
ASTORIA_GT4_3 24104	15.22 0.77 0.00	16.49 0.76 0.00	16.80 0.73 0.00	16.42 0.75 0.00	17.22 0.73 0.00	18.52 0.70 0.00	16.94 0.73 0.00	19.65 0.92 -0.66	20.23 0.99 0.00	18.95 0.93 -0.08	20.96 0.99 0.00	22.35 1.15 0.00	22.11 1.28 0.00	23.44 1.45 0.00	20.12 1.21 0.00	20.44 1.27 0.00	20.29 1.30 0.00	23.36 1.48 0.00	22.26 1.33 0.00	22.43 1.23 0.00	21.79 1.05 0.00	21.75 1.04 0.00	18.92 0.91 0.00	21.08 0.81 0.00
ASTORIA_GT4_4 24105	15.22 0.77 0.00	16.49 0.76 0.00	16.80 0.73 0.00	16.42 0.75 0.00	17.22 0.73 0.00	18.52 0.70 0.00	16.94 0.73 0.00	19.65 0.92 -0.66	20.23 0.99 0.00	18.95 0.93 -0.08	20.96 0.99 0.00	22.35 1.15 0.00	22.11 1.28 0.00	23.44 1.45 0.00	20.12 1.21 0.00	20.44 1.27 0.00	20.29 1.30 0.00	23.36 1.48 0.00	22.26 1.33 0.00	22.43 1.23 0.00	21.79 1.05 0.00	21.75 1.04 0.00	18.92 0.91 0.00	21.08 0.81 0.00
ASTORIA_GT_1 23523	15.24 0.79 0.00	16.51 0.78 0.00	16.82 0.75 0.00	16.43 0.75 0.00	17.24 0.75 0.00	18.54 0.72 0.00	16.97 0.75 0.00	19.69 0.96 -0.66	20.27 1.03 0.00	18.98 0.97 -0.08	21.00 1.02 0.00	22.39 1.19 0.00	22.15 1.31 0.00	23.49 1.49 0.00	20.16 1.25 0.00	20.48 1.31 0.00	20.33 1.35 0.00	23.40 1.53 0.00	22.31 1.37 0.00	22.47 1.27 0.00	21.83 1.09 0.00	21.79 1.08 0.00	18.96 0.94 0.00	21.12 0.85 0.00

ASTORIA_GT_10 24110	15.23 0.78 0.00	16.50 0.78 0.00	16.80 0.73 0.00	16.43 0.76 0.00	17.23 0.74 0.00	18.56 0.74 0.00	16.96 0.75 0.00	19.66 0.93 -0.66	20.25 1.00 0.00	18.98 0.97 -0.08	21.02 1.05 0.00	22.41 1.21 0.00	22.16 1.33 0.00	23.51 1.52 0.00	20.18 1.28 0.00	20.50 1.34 0.00	20.36 1.37 0.00	23.44 1.56 0.00	22.35 1.41 0.00	22.48 1.28 0.00	21.85 1.11 0.00	21.79 1.08 0.00	18.94 0.92 0.00	21.11 0.83 0.00
ASTORIA_GT_11 24225	15.23 0.78 0.00	16.50 0.78 0.00	16.80 0.73 0.00	16.43 0.76 0.00	17.23 0.74 0.00	18.56 0.74 0.00	16.96 0.75 0.00	19.66 0.93 -0.66	20.25 1.00 0.00	18.98 0.97 -0.08	21.02 1.05 0.00	22.41 1.21 0.00	22.16 1.33 0.00	23.51 1.52 0.00	20.18 1.28 0.00	20.50 1.34 0.00	20.36 1.37 0.00	23.44 1.56 0.00	22.35 1.41 0.00	22.48 1.28 0.00	21.85 1.11 0.00	21.79 1.08 0.00	18.94 0.92 0.00	21.11 0.83 0.00
ASTORIA_GT_12 24226	15.23 0.77 0.00	16.50 0.77 0.00	16.80 0.73 0.00	16.42 0.75 0.00	17.23 0.74 0.00	18.55 0.73 0.00	16.96 0.75 0.00	19.66 0.93 -0.66	20.24 1.00 0.00	18.98 0.96 -0.08	21.02 1.05 0.00	22.41 1.20 0.00	22.16 1.33 0.00	23.51 1.52 0.00	20.18 1.28 0.00	20.51 1.34 0.00	20.37 1.38 0.00	23.44 1.56 0.00	22.35 1.41 0.00	22.48 1.28 0.00	21.85 1.11 0.00	21.79 1.08 0.00	18.95 0.93 0.00	21.10 0.83 0.00
ASTORIA_GT_13 24227	15.23 0.77 0.00	16.50 0.77 0.00	16.80 0.73 0.00	16.42 0.75 0.00	17.23 0.74 0.00	18.55 0.73 0.00	16.96 0.75 0.00	19.66 0.93 -0.66	20.24 1.00 0.00	18.98 0.96 -0.08	21.02 1.05 0.00	22.41 1.20 0.00	22.16 1.33 0.00	23.51 1.52 0.00	20.18 1.28 0.00	20.51 1.34 0.00	20.37 1.38 0.00	23.44 1.56 0.00	22.35 1.41 0.00	22.48 1.28 0.00	21.85 1.11 0.00	21.79 1.08 0.00	18.95 0.93 0.00	21.10 0.83 0.00
ASTORIA_GT_5 24106	15.24 0.79 0.00	16.51 0.78 0.00	16.82 0.75 0.00	16.43 0.75 0.00	17.24 0.75 0.00	18.54 0.72 0.00	16.97 0.75 0.00	19.69 0.96 -0.66	20.27 1.03 0.00	18.98 0.97 -0.08	21.00 1.02 0.00	22.39 1.19 0.00	22.15 1.31 0.00	23.49 1.49 0.00	20.16 1.25 0.00	20.48 1.31 0.00	20.33 1.35 0.00	23.40 1.53 0.00	22.31 1.37 0.00	22.47 1.27 0.00	21.83 1.09 0.00	21.79 1.08 0.00	18.96 0.94 0.00	21.12 0.85 0.00
ASTORIA_GT_7 24107	15.24 0.79 0.00	16.51 0.78 0.00	16.82 0.75 0.00	16.43 0.75 0.00	17.24 0.75 0.00	18.54 0.72 0.00	16.97 0.75 0.00	19.69 0.96 -0.66	20.27 1.03 0.00	18.98 0.97 -0.08	21.00 1.02 0.00	22.39 1.19 0.00	22.15 1.31 0.00	23.49 1.49 0.00	20.16 1.25 0.00	20.48 1.31 0.00	20.33 1.35 0.00	23.40 1.53 0.00	22.31 1.37 0.00	22.47 1.27 0.00	21.83 1.09 0.00	21.79 1.08 0.00	18.96 0.94 0.00	21.12 0.85 0.00
ASTORIA_GT_8 24108	15.25 0.79 0.00	16.51 0.78 0.00	16.82 0.75 0.00	16.44 0.76 0.00	17.24 0.75 0.00	18.55 0.73 0.00	16.97 0.75 0.00	19.69 0.96 -0.66	20.27 1.03 0.00	18.99 0.97 -0.08	21.00 1.03 0.00	22.40 1.19 0.00	22.15 1.32 0.00	23.49 1.49 0.00	20.16 1.25 0.00	20.47 1.31 0.00	20.32 1.34 0.00	23.40 1.53 0.00	22.30 1.37 0.00	22.47 1.27 0.00	21.83 1.09 0.00	21.79 1.08 0.00	18.96 0.94 0.00	21.12 0.85 0.00
ASTORIA___2 24149	15.22 0.76 0.00	16.49 0.76 0.00	16.80 0.72 0.00	16.40 0.74 0.00	17.22 0.73 0.00	18.52 0.70 0.00	16.94 0.73 0.00	19.65 0.92 -0.66	20.23 0.99 0.00	18.95 0.93 -0.08	20.96 0.99 0.00	22.35 1.15 0.00	22.10 1.27 0.00	23.44 1.44 0.00	20.12 1.21 0.00	20.44 1.27 0.00	20.29 1.31 0.00	23.36 1.48 0.00	22.26 1.33 0.00	22.42 1.22 0.00	21.79 1.05 0.00	21.75 1.04 0.00	18.92 0.91 0.00	21.08 0.81 0.00
ASTORIA___3 23516	15.23 0.77 0.00	16.50 0.77 0.00	16.80 0.73 0.00	16.42 0.75 0.00	17.23 0.74 0.00	18.55 0.73 0.00	16.96 0.75 0.00	19.66 0.93 -0.66	20.24 1.00 0.00	18.98 0.96 -0.08	21.02 1.05 0.00	22.41 1.20 0.00	22.16 1.33 0.00	23.51 1.51 0.00	20.18 1.28 0.00	20.51 1.34 0.00	20.37 1.38 0.00	23.44 1.56 0.00	22.35 1.41 0.00	22.48 1.28 0.00	21.85 1.11 0.00	21.79 1.08 0.00	18.95 0.93 0.00	21.10 0.83 0.00
ASTORIA___4 23517	15.23 0.78 0.00	16.50 0.78 0.00	16.80 0.73 0.00	16.43 0.76 0.00	17.23 0.74 0.00	18.56 0.74 0.00	16.96 0.75 0.00	19.66 0.93 -0.66	20.25 1.00 0.00	18.98 0.97 -0.08	21.02 1.05 0.00	22.41 1.21 0.00	22.16 1.33 0.00	23.51 1.52 0.00	20.18 1.28 0.00	20.50 1.34 0.00	20.36 1.37 0.00	23.44 1.56 0.00	22.35 1.41 0.00	22.48 1.28 0.00	21.85 1.11 0.00	21.79 1.08 0.00	18.94 0.92 0.00	21.10 0.83 0.00
ASTORIA___5 23518	15.23 0.77 0.00	16.50 0.77 0.00	16.80 0.73 0.00	16.42 0.75 0.00	17.23 0.74 0.00	18.55 0.73 0.00	16.96 0.75 0.00	19.66 0.93 -0.66	20.24 1.00 0.00	18.98 0.96 -0.08	21.02 1.05 0.00	22.41 1.20 0.00	22.16 1.33 0.00	23.51 1.52 0.00	20.18 1.28 0.00	20.51 1.34 0.00	20.37 1.38 0.00	23.44 1.56 0.00	22.35 1.41 0.00	22.48 1.28 0.00	21.85 1.11 0.00	21.79 1.08 0.00	18.95 0.93 0.00	21.10 0.83 0.00
AST_ENERGY_2_CC3 323677	15.21 0.76 0.00	16.47 0.75 0.00	16.77 0.70 0.00	16.41 0.74 0.00	17.21 0.72 0.00	18.54 0.73 0.00	16.92 0.70 0.00	19.62 0.89 -0.66	20.20 0.96 0.00	18.94 0.92 -0.08	20.98 1.01 0.00	22.36 1.16 0.00	22.12 1.29 0.00	23.47 1.47 0.00	20.14 1.23 0.00	20.46 1.30 0.00	20.31 1.33 0.00	23.39 1.51 0.00	22.30 1.37 0.00	22.42 1.22 0.00	21.81 1.07 0.00	21.76 1.05 0.00	18.91 0.90 0.00	21.09 0.82 0.00
AST_ENERGY_2_CC4 323678	15.21 0.76 0.00	16.47 0.75 0.00	16.77 0.70 0.00	16.41 0.74 0.00	17.21 0.72 0.00	18.54 0.73 0.00	16.92 0.70 0.00	19.62 0.89 -0.66	20.20 0.96 0.00	18.94 0.92 -0.08	20.98 1.01 0.00	22.36 1.16 0.00	22.12 1.29 0.00	23.47 1.47 0.00	20.14 1.23 0.00	20.46 1.30 0.00	20.31 1.33 0.00	23.39 1.51 0.00	22.30 1.37 0.00	22.42 1.22 0.00	21.81 1.07 0.00	21.76 1.05 0.00	18.91 0.90 0.00	21.09 0.82 0.00
ATHENS_STG_1 23668	14.89 0.44 0.00	16.17 0.44 0.00	16.49 0.41 0.00	16.11 0.43 0.00	16.91 0.42 0.00	18.22 0.40 0.00	16.61 0.40 0.00	18.69 0.48 -0.13	19.72 0.48 0.00	18.36 0.41 -0.02	20.44 0.46 0.00	21.77 0.56 0.00	21.41 0.58 0.00	22.67 0.66 0.00	19.52 0.61 0.00	19.82 0.65 0.00	19.69 0.71 0.00	22.72 0.84 0.00	21.69 0.75 0.00	21.89 0.69 0.00	21.33 0.59 0.00	21.32 0.61 0.00	18.57 0.56 0.00	20.79 0.52 0.00
ATHENS_STG_2 23670	14.89 0.44 0.00	16.17 0.44 0.00	16.49 0.41 0.00	16.11 0.43 0.00	16.91 0.42 0.00	18.22 0.40 0.00	16.61 0.40 0.00	18.69 0.48 -0.13	19.72 0.48 0.00	18.36 0.41 -0.02	20.44 0.46 0.00	21.77 0.56 0.00	21.41 0.58 0.00	22.67 0.66 0.00	19.52 0.61 0.00	19.82 0.65 0.00	19.69 0.71 0.00	22.72 0.84 0.00	21.69 0.75 0.00	21.89 0.69 0.00	21.33 0.59 0.00	21.32 0.61 0.00	18.57 0.56 0.00	20.79 0.52 0.00

ATHENS_STG_3 23677	14.89 0.44 0.00	16.17 0.44 0.00	16.49 0.41 0.00	16.11 0.43 0.00	16.91 0.42 0.00	18.22 0.40 0.00	16.61 0.40 0.00	18.69 0.48 -0.13	19.72 0.48 0.00	18.36 0.41 -0.02	20.44 0.46 0.00	21.77 0.56 0.00	21.41 0.58 0.00	22.67 0.66 0.00	19.52 0.61 0.00	19.82 0.65 0.00	19.69 0.71 0.00	22.72 0.84 0.00	21.69 0.75 0.00	21.89 0.69 0.00	21.33 0.59 0.00	21.32 0.61 0.00	18.57 0.56 0.00	20.79 0.52 0.00
AUBURN___LFGE 323710	14.57 0.12 0.00	15.80 0.07 0.00	16.17 0.10 0.00	15.72 0.05 0.00	16.64 0.15 0.00	17.93 0.11 0.00	16.42 0.21 0.00	18.30 0.23 0.00	19.49 0.25 0.00	18.14 0.20 0.00	20.11 0.14 0.00	21.31 0.10 0.00	20.91 0.08 0.00	22.02 0.02 0.00	18.94 0.03 0.00	19.31 0.14 0.00	19.12 0.13 0.00	22.04 0.16 0.00	21.15 0.21 0.00	21.46 0.26 0.00	20.96 0.22 0.00	20.92 0.21 0.00	18.19 0.17 0.00	20.53 0.26 0.00
BABYLON_RES_REC 323704	34.73 1.04 -19.24	20.55 1.04 -3.79	19.59 1.04 -2.48	17.05 1.03 -0.35	19.36 1.07 -1.80	21.16 1.08 -2.26	27.07 1.08 -9.78	33.50 1.32 -14.11	32.99 1.39 -12.35	65.18 1.26 -45.99	39.05 1.33 -17.74	29.65 1.49 -6.95	25.41 1.56 -3.02	26.79 1.70 -3.09	29.68 1.43 -9.35	311.61 1.56 -290.89	25.81 1.67 -5.16	23.70 1.82 0.00	42.66 1.69 -20.03	30.74 1.68 -7.85	29.99 1.54 -7.72	33.31 1.51 -11.09	22.25 1.34 -2.89	22.20 1.26 -0.66
BABYLON__69_KV_BK2 356345	34.88 1.19 -19.24	20.71 1.19 -3.79	19.74 1.19 -2.48	17.21 1.19 -0.35	19.52 1.23 -1.80	21.33 1.24 -2.26	27.21 1.21 -9.78	33.65 1.47 -14.11	33.16 1.56 -12.35	65.35 1.43 -45.99	39.23 1.51 -17.74	29.87 1.71 -6.95	25.60 1.76 -3.02	27.00 1.91 -3.09	29.87 1.62 -9.35	312.54 1.72 -291.65	25.97 1.82 -5.16	23.84 1.96 0.00	42.82 1.83 -20.05	30.96 1.91 -7.85	30.21 1.76 -7.72	33.52 1.72 -11.09	22.42 1.51 -2.89	22.38 1.45 -0.66
BARON_WINDS___WT_PWR 323822	14.11 -0.34 0.00	15.41 -0.32 0.00	15.82 -0.25 0.00	15.40 -0.28 0.00	16.22 -0.28 0.00	17.60 -0.22 0.00	16.00 -0.21 0.00	17.98 -0.08 0.00	19.34 0.10 0.00	18.05 0.11 0.00	19.92 -0.05 0.00	20.24 -0.60 0.36	-3.83 -1.12 23.54	-19.92 -1.54 40.38	-22.93 -1.32 40.52	-22.03 -1.25 39.95	-1.50 -0.88 19.61	21.29 -0.58 0.00	20.58 -0.36 0.00	20.98 -0.22 0.00	20.48 -0.25 0.00	20.47 -0.24 0.00	17.79 -0.23 0.00	20.26 -0.02 0.00
BARRETT_IC_1 23704	34.67 0.97 -19.24	20.51 1.00 -3.79	19.51 0.96 -2.48	17.00 0.98 -0.35	19.28 0.99 -1.80	21.10 1.02 -2.26	26.96 0.97 -9.78	33.35 1.18 -14.11	32.86 1.26 -12.35	65.06 1.14 -45.99	38.86 1.14 -17.74	29.47 1.31 -6.95	25.22 1.37 -3.02	26.63 1.54 -3.09	29.48 1.23 -9.35	63.33 1.26 -42.90	25.52 1.38 -5.16	23.35 1.48 0.00	36.54 1.37 -14.24	30.35 1.30 -7.85	29.61 1.16 -7.72	33.05 1.25 -11.09	22.09 1.18 -2.89	22.03 1.10 -0.66
BARRETT_IC_10 23701	34.67 0.97 -19.24	20.51 1.00 -3.79	19.51 0.96 -2.48	17.00 0.98 -0.35	19.28 0.99 -1.80	21.10 1.02 -2.26	26.96 0.97 -9.78	33.35 1.18 -14.11	32.86 1.26 -12.35	65.06 1.14 -45.99	38.86 1.14 -17.74	29.47 1.31 -6.95	25.22 1.37 -3.02	26.63 1.54 -3.09	29.48 1.23 -9.35	63.33 1.26 -42.90	25.52 1.38 -5.16	23.35 1.48 0.00	36.54 1.37 -14.24	30.35 1.30 -7.85	29.61 1.16 -7.72	33.05 1.25 -11.09	22.09 1.18 -2.89	22.03 1.10 -0.66
BARRETT_IC_11 23702	34.67 0.97 -19.24	20.51 1.00 -3.79	19.51 0.96 -2.48	17.00 0.98 -0.35	19.28 0.99 -1.80	21.10 1.02 -2.26	26.96 0.97 -9.78	33.35 1.18 -14.11	32.86 1.26 -12.35	65.06 1.14 -45.99	38.86 1.14 -17.74	29.47 1.31 -6.95	25.22 1.37 -3.02	26.63 1.54 -3.09	29.48 1.23 -9.35	63.33 1.26 -42.90	25.52 1.38 -5.16	23.35 1.48 0.00	36.54 1.37 -14.24	30.35 1.30 -7.85	29.61 1.16 -7.72	33.05 1.25 -11.09	22.09 1.18 -2.89	22.03 1.10 -0.66
BARRETT_IC_12 23703	34.67 0.97 -19.24	20.51 1.00 -3.79	19.51 0.96 -2.48	17.00 0.98 -0.35	19.28 0.99 -1.80	21.10 1.02 -2.26	26.96 0.97 -9.78	33.35 1.18 -14.11	32.86 1.26 -12.35	65.06 1.14 -45.99	38.86 1.14 -17.74	29.47 1.31 -6.95	25.22 1.37 -3.02	26.63 1.54 -3.09	29.48 1.23 -9.35	63.33 1.26 -42.90	25.52 1.38 -5.16	23.35 1.48 0.00	36.54 1.37 -14.24	30.35 1.30 -7.85	29.61 1.16 -7.72	33.05 1.25 -11.09	22.09 1.18 -2.89	22.03 1.10 -0.66
BARRETT_IC_2 23705	34.67 0.97 -19.24	20.51 1.00 -3.79	19.51 0.96 -2.48	17.00 0.98 -0.35	19.28 0.99 -1.80	21.10 1.02 -2.26	26.96 0.97 -9.78	33.35 1.18 -14.11	32.86 1.26 -12.35	65.06 1.14 -45.99	38.86 1.14 -17.74	29.47 1.31 -6.95	25.22 1.37 -3.02	26.63 1.54 -3.09	29.48 1.23 -9.35	63.33 1.26 -42.90	25.52 1.38 -5.16	23.35 1.48 0.00	36.54 1.37 -14.24	30.35 1.30 -7.85	29.61 1.16 -7.72	33.05 1.25 -11.09	22.09 1.18 -2.89	22.03 1.10 -0.66
BARRETT_IC_3 23706	34.67 0.97 -19.24	20.51 1.00 -3.79	19.51 0.96 -2.48	17.00 0.98 -0.35	19.28 0.99 -1.80	21.10 1.02 -2.26	26.96 0.97 -9.78	33.35 1.18 -14.11	32.86 1.26 -12.35	65.06 1.14 -45.99	38.86 1.14 -17.74	29.47 1.31 -6.95	25.22 1.37 -3.02	26.63 1.54 -3.09	29.48 1.23 -9.35	63.33 1.26 -42.90	25.52 1.38 -5.16	23.35 1.48 0.00	36.54 1.37 -14.24	30.35 1.30 -7.85	29.61 1.16 -7.72	33.05 1.25 -11.09	22.09 1.18 -2.89	22.03 1.10 -0.66
BARRETT_IC_4 23707	34.67 0.97 -19.24	20.51 1.00 -3.79	19.51 0.96 -2.48	17.00 0.98 -0.35	19.28 0.99 -1.80	21.10 1.02 -2.26	26.96 0.97 -9.78	33.35 1.18 -14.11	32.86 1.26 -12.35	65.06 1.14 -45.99	38.86 1.14 -17.74	29.47 1.31 -6.95	25.22 1.37 -3.02	26.63 1.54 -3.09	29.48 1.23 -9.35	63.33 1.26 -42.90	25.52 1.38 -5.16	23.35 1.48 0.00	36.54 1.37 -14.24	30.35 1.30 -7.85	29.61 1.16 -7.72	33.05 1.25 -11.09	22.09 1.18 -2.89	22.03 1.10 -0.66
BARRETT_IC_5 23708	34.67 0.97 -19.24	20.51 1.00 -3.79	19.51 0.96 -2.48	17.00 0.98 -0.35	19.28 0.99 -1.80	21.10 1.02 -2.26	26.96 0.97 -9.78	33.35 1.18 -14.11	32.86 1.26 -12.35	65.06 1.14 -45.99	38.86 1.14 -17.74	29.47 1.31 -6.95	25.22 1.37 -3.02	26.63 1.54 -3.09	29.48 1.23 -9.35	63.33 1.26 -42.90	25.52 1.38 -5.16	23.35 1.48 0.00	36.54 1.37 -14.24	30.35 1.30 -7.85	29.61 1.16 -7.72	33.05 1.25 -11.09	22.09 1.18 -2.89	22.03 1.10 -0.66
BARRETT_IC_6 23709	34.67 0.97 -19.24	20.51 1.00 -3.79	19.51 0.96 -2.48	17.00 0.98 -0.35	19.28 0.99 -1.80	21.10 1.02 -2.26	26.96 0.97 -9.78	33.35 1.18 -14.11	32.86 1.26 -12.35	65.06 1.14 -45.99	38.86 1.14 -17.74	29.47 1.31 -6.95	25.22 1.37 -3.02	26.63 1.54 -3.09	29.48 1.23 -9.35	63.33 1.26 -42.90	25.52 1.38 -5.16	23.35 1.48 0.00	36.54 1.37 -14.24	30.35 1.30 -7.85	29.61 1.16 -7.72	33.05 1.25 -11.09	22.09 1.18 -2.89	22.03 1.10 -0.66
BARRETT_IC_7 23710	34.67 0.97 -19.24	20.51 1.00 -3.79	19.51 0.96 -2.48	17.01 0.99 -0.35	19.28 0.99 -1.80	21.10 1.02 -2.26	26.96 0.97 -9.78	33.35 1.18 -14.11	32.86 1.26 -12.35	65.06 1.14 -45.99	38.86 1.14 -17.74	29.47 1.31 -6.95	25.22 1.37 -3.02	26.63 1.54 -3.09	29.48 1.23 -9.35	63.33 1.26 -42.90	25.52 1.38 -5.16	23.35 1.47 0.00	36.54 1.37 -14.24	30.35 1.30 -7.85	29.61 1.16 -7.72	33.05 1.25 -11.09	22.09 1.19 -2.89	22.04 1.10 -0.66

BARRETT_IC_8 23711	34.67 0.97 -19.24	20.51 1.00 -3.79	19.51 0.96 -2.48	17.00 0.98 -0.35	19.28 0.99 -1.80	21.10 1.02 -2.26	26.96 0.97 -9.78	33.35 1.18 -14.11	32.86 1.26 -12.35	65.06 1.14 -45.99	38.86 1.14 -17.74	29.47 1.31 -6.95	25.22 1.37 -3.02	26.63 1.54 -3.09	29.48 1.23 -9.35	63.33 1.26 -42.90	25.52 1.38 -5.16	23.35 1.48 0.00	36.54 1.37 -14.24	30.35 1.30 -7.85	29.61 1.16 -7.72	33.05 1.25 -11.09	22.09 1.18 -2.89	22.03 1.10 -0.66
BARRETT_IC_9 23700	34.67 0.97 -19.24	20.51 1.00 -3.79	19.51 0.96 -2.48	17.00 0.98 -0.35	19.28 0.99 -1.80	21.10 1.02 -2.26	26.96 0.97 -9.78	33.35 1.18 -14.11	32.86 1.26 -12.35	65.06 1.14 -45.99	38.86 1.14 -17.74	29.47 1.31 -6.95	25.22 1.37 -3.02	26.63 1.54 -3.09	29.48 1.23 -9.35	63.33 1.26 -42.90	25.52 1.38 -5.16	23.35 1.48 0.00	36.54 1.37 -14.24	30.35 1.30 -7.85	29.61 1.16 -7.72	33.05 1.25 -11.09	22.09 1.18 -2.89	22.03 1.10 -0.66
BARRETT___1 23545	34.67 0.97 -19.24	20.51 1.00 -3.79	19.51 0.96 -2.48	17.00 0.98 -0.35	19.28 0.99 -1.80	21.10 1.02 -2.26	26.96 0.97 -9.78	33.35 1.18 -14.11	32.86 1.26 -12.35	65.06 1.14 -45.99	38.86 1.14 -17.74	29.47 1.31 -6.95	25.22 1.37 -3.02	26.63 1.54 -3.09	29.48 1.23 -9.35	63.33 1.26 -42.90	25.52 1.38 -5.16	23.35 1.48 0.00	36.54 1.37 -14.24	30.35 1.30 -7.85	29.61 1.16 -7.72	33.05 1.25 -11.09	22.09 1.18 -2.89	22.03 1.10 -0.66
BARRETT___2 23546	34.67 0.97 -19.24	20.51 1.00 -3.79	19.51 0.96 -2.48	17.00 0.98 -0.35	19.28 0.99 -1.80	21.10 1.02 -2.26	26.96 0.97 -9.78	33.35 1.18 -14.11	32.86 1.26 -12.35	65.06 1.14 -45.99	38.86 1.14 -17.74	29.47 1.31 -6.95	25.22 1.37 -3.02	26.63 1.54 -3.09	29.48 1.23 -9.35	63.33 1.26 -42.90	25.52 1.38 -5.16	23.35 1.48 0.00	36.54 1.37 -14.24	30.35 1.30 -7.85	29.61 1.16 -7.72	33.05 1.25 -11.09	22.09 1.18 -2.89	22.03 1.10 -0.66
BATAVIA___115KV_TB1 55881	14.27 -0.19 0.00	15.59 -0.14 0.00	15.98 -0.09 0.00	15.51 -0.16 0.00	16.41 -0.08 0.00	17.92 0.10 0.00	16.16 -0.05 0.00	18.03 -0.04 0.00	19.20 -0.05 0.00	18.07 0.13 0.00	20.03 0.05 0.00	20.96 -0.25 0.00	20.47 -0.36 0.00	21.35 -0.65 0.00	18.32 -0.52 0.06	17.84 -0.54 0.79	17.17 -0.63 1.19	21.10 -0.78 0.00	20.34 -0.60 0.00	20.63 -0.58 0.00	20.19 -0.55 0.00	20.07 -0.63 0.00	17.66 -0.36 0.00	20.09 -0.18 0.00
BAYONEEC___CTG1 323682	15.21 0.76 0.00	16.47 0.75 0.00	16.77 0.70 0.00	16.41 0.74 0.00	17.22 0.73 0.00	18.55 0.73 0.00	16.94 0.72 0.00	19.64 0.91 -0.66	20.22 0.98 0.00	18.95 0.93 -0.08	21.00 1.03 0.00	22.39 1.18 0.00	22.15 1.31 0.00	23.50 1.50 0.00	20.17 1.26 0.00	20.49 1.33 0.00	20.35 1.37 0.00	23.43 1.56 0.00	22.34 1.41 0.00	22.46 1.26 0.00	21.84 1.11 0.00	21.79 1.09 0.00	18.93 0.91 0.00	21.11 0.84 0.00
BAYONEEC___CTG10 323750	15.21 0.76 0.00	16.47 0.75 0.00	16.77 0.70 0.00	16.41 0.74 0.00	17.22 0.73 0.00	18.55 0.73 0.00	16.94 0.72 0.00	19.64 0.91 -0.66	20.22 0.98 0.00	18.95 0.93 -0.08	21.00 1.03 0.00	22.39 1.18 0.00	22.15 1.31 0.00	23.50 1.50 0.00	20.17 1.26 0.00	20.49 1.33 0.00	20.35 1.37 0.00	23.43 1.56 0.00	22.34 1.41 0.00	22.46 1.26 0.00	21.84 1.11 0.00	21.79 1.09 0.00	18.93 0.91 0.00	21.11 0.84 0.00
BAYONEEC___CTG2 323683	15.21 0.76 0.00	16.47 0.75 0.00	16.77 0.70 0.00	16.41 0.74 0.00	17.22 0.73 0.00	18.55 0.73 0.00	16.94 0.72 0.00	19.64 0.91 -0.66	20.22 0.98 0.00	18.95 0.93 -0.08	21.00 1.03 0.00	22.39 1.18 0.00	22.15 1.31 0.00	23.50 1.50 0.00	20.17 1.26 0.00	20.49 1.33 0.00	20.35 1.37 0.00	23.43 1.56 0.00	22.34 1.41 0.00	22.46 1.26 0.00	21.84 1.11 0.00	21.79 1.09 0.00	18.93 0.91 0.00	21.11 0.84 0.00
BAYONEEC___CTG3 323684	15.21 0.76 0.00	16.47 0.75 0.00	16.77 0.70 0.00	16.41 0.74 0.00	17.22 0.73 0.00	18.55 0.73 0.00	16.94 0.72 0.00	19.64 0.91 -0.66	20.22 0.98 0.00	18.95 0.93 -0.08	21.00 1.03 0.00	22.39 1.18 0.00	22.15 1.31 0.00	23.50 1.50 0.00	20.17 1.26 0.00	20.49 1.33 0.00	20.35 1.37 0.00	23.43 1.56 0.00	22.34 1.41 0.00	22.46 1.26 0.00	21.84 1.11 0.00	21.79 1.09 0.00	18.93 0.91 0.00	21.11 0.84 0.00
BAYONEEC___CTG4 323685	15.21 0.76 0.00	16.47 0.75 0.00	16.77 0.70 0.00	16.41 0.74 0.00	17.22 0.73 0.00	18.55 0.73 0.00	16.94 0.72 0.00	19.64 0.91 -0.66	20.22 0.98 0.00	18.95 0.93 -0.08	21.00 1.03 0.00	22.39 1.18 0.00	22.15 1.31 0.00	23.50 1.50 0.00	20.17 1.26 0.00	20.49 1.33 0.00	20.35 1.37 0.00	23.43 1.56 0.00	22.34 1.41 0.00	22.46 1.26 0.00	21.84 1.11 0.00	21.79 1.09 0.00	18.93 0.91 0.00	21.11 0.84 0.00
BAYONEEC___CTG5 323686	15.21 0.76 0.00	16.47 0.75 0.00	16.77 0.70 0.00	16.41 0.74 0.00	17.22 0.73 0.00	18.55 0.73 0.00	16.94 0.72 0.00	19.64 0.91 -0.66	20.22 0.98 0.00	18.95 0.93 -0.08	21.00 1.03 0.00	22.39 1.18 0.00	22.15 1.31 0.00	23.50 1.50 0.00	20.17 1.26 0.00	20.49 1.33 0.00	20.35 1.37 0.00	23.43 1.56 0.00	22.34 1.41 0.00	22.46 1.26 0.00	21.84 1.11 0.00	21.79 1.09 0.00	18.93 0.91 0.00	21.11 0.84 0.00
BAYONEEC___CTG6 323687	15.21 0.76 0.00	16.47 0.75 0.00	16.77 0.70 0.00	16.41 0.74 0.00	17.22 0.73 0.00	18.55 0.73 0.00	16.94 0.72 0.00	19.64 0.91 -0.66	20.22 0.98 0.00	18.95 0.93 -0.08	21.00 1.03 0.00	22.39 1.18 0.00	22.15 1.31 0.00	23.50 1.50 0.00	20.17 1.26 0.00	20.49 1.33 0.00	20.35 1.37 0.00	23.43 1.56 0.00	22.34 1.41 0.00	22.46 1.26 0.00	21.84 1.11 0.00	21.79 1.09 0.00	18.93 0.91 0.00	21.11 0.84 0.00
BAYONEEC___CTG7 323688	15.21 0.76 0.00	16.47 0.75 0.00	16.77 0.70 0.00	16.41 0.74 0.00	17.22 0.73 0.00	18.55 0.73 0.00	16.94 0.72 0.00	19.64 0.91 -0.66	20.22 0.98 0.00	18.95 0.93 -0.08	21.00 1.03 0.00	22.39 1.18 0.00	22.15 1.31 0.00	23.50 1.50 0.00	20.17 1.26 0.00	20.49 1.33 0.00	20.35 1.37 0.00	23.43 1.56 0.00	22.34 1.41 0.00	22.46 1.26 0.00	21.84 1.11 0.00	21.79 1.09 0.00	18.93 0.91 0.00	21.11 0.84 0.00
BAYONEEC___CTG8 323689	15.21 0.76 0.00	16.47 0.75 0.00	16.77 0.70 0.00	16.41 0.74 0.00	17.22 0.73 0.00	18.55 0.73 0.00	16.94 0.72 0.00	19.64 0.91 -0.66	20.22 0.98 0.00	18.95 0.93 -0.08	21.00 1.03 0.00	22.39 1.18 0.00	22.15 1.31 0.00	23.50 1.50 0.00	20.17 1.26 0.00	20.49 1.33 0.00	20.35 1.37 0.00	23.43 1.56 0.00	22.34 1.41 0.00	22.46 1.26 0.00	21.84 1.11 0.00	21.79 1.09 0.00	18.93 0.91 0.00	21.11 0.84 0.00
BAYONEEC___CTG9 323749	15.21 0.76 0.00	16.47 0.75 0.00	16.77 0.70 0.00	16.41 0.74 0.00	17.22 0.73 0.00	18.55 0.73 0.00	16.94 0.72 0.00	19.64 0.91 -0.66	20.22 0.98 0.00	18.95 0.93 -0.08	21.00 1.03 0.00	22.39 1.18 0.00	22.15 1.31 0.00	23.50 1.50 0.00	20.17 1.26 0.00	20.49 1.33 0.00	20.35 1.37 0.00	23.43 1.56 0.00	22.34 1.41 0.00	22.46 1.26 0.00	21.84 1.11 0.00	21.79 1.09 0.00	18.93 0.91 0.00	21.11 0.84 0.00

BEACON___LESR 323632	14.90 0.44 0.00	16.12 0.39 0.00	16.44 0.37 0.00	16.07 0.39 0.00	16.86 0.37 0.00	18.19 0.37 0.00	16.59 0.38 0.00	18.65 0.45 -0.13	19.65 0.41 0.00	18.07 0.12 -0.02	20.13 0.15 0.00	21.48 0.27 0.00	21.07 0.24 0.00	22.29 0.30 0.00	19.14 0.24 0.00	19.46 0.29 0.00	19.39 0.41 0.00	22.35 0.47 0.00	21.60 0.66 0.00	21.83 0.63 0.00	21.25 0.51 0.00	21.23 0.53 0.00	18.48 0.46 0.00	20.65 0.38 0.00
BEAVER RIVER___HYD 24048	14.53 0.08 0.00	16.07 0.34 0.00	16.46 0.39 0.00	15.97 0.30 0.00	16.87 0.38 0.00	18.30 0.48 0.00	16.70 0.49 0.00	18.63 0.56 0.00	19.83 0.59 0.00	18.49 0.55 0.00	20.60 0.62 0.00	21.81 0.61 0.00	21.22 0.38 0.00	22.05 0.05 0.00	18.84 -0.06 0.00	19.07 -0.10 0.00	18.54 -0.44 0.00	21.37 -0.51 0.00	20.78 -0.16 0.00	21.71 0.51 0.00	21.43 0.69 0.00	21.39 0.68 0.00	18.54 0.52 0.00	20.70 0.43 0.00
BEEBEE_GT_13 23619	14.32 -0.13 0.00	15.60 -0.13 0.00	15.97 -0.10 0.00	15.53 -0.14 0.00	16.39 -0.10 0.00	17.82 0.00 0.00	16.16 -0.05 0.00	18.02 -0.05 0.00	19.24 0.00 0.00	18.02 0.09 0.00	20.04 0.07 0.00	21.11 -0.10 0.00	20.62 -0.21 0.00	21.60 -0.40 0.00	18.57 -0.33 0.00	18.81 -0.36 0.00	18.61 -0.37 0.00	21.40 -0.48 0.00	20.57 -0.37 0.00	20.84 -0.36 0.00	20.36 -0.37 0.00	20.28 -0.42 0.00	17.75 -0.26 0.00	20.14 -0.13 0.00
BENSHRST_27_KV_BENSHRST_1 355998	15.35 0.90 0.00	16.63 0.90 0.00	16.93 0.86 0.00	16.56 0.89 0.00	17.38 0.89 0.00	18.73 0.91 0.00	17.12 0.90 0.00	19.82 1.10 -0.66	20.42 1.18 0.00	19.15 1.13 -0.08	21.21 1.24 0.00	22.61 1.41 0.00	22.36 1.53 0.00	23.73 1.73 0.00	20.37 1.47 0.00	20.72 1.55 -0.01	20.56 1.57 0.00	23.69 1.81 0.00	22.58 1.64 0.00	22.72 1.52 0.00	22.10 1.36 -0.01	22.04 1.33 -0.01	19.14 1.13 0.00	21.34 1.06 0.00
BETHLEHEM___GRP 23843	14.72 0.26 0.00	15.91 0.18 0.00	16.22 0.15 0.00	15.85 0.18 0.00	16.64 0.15 0.00	17.93 0.11 0.00	16.37 0.16 0.00	18.37 0.17 -0.13	19.34 0.10 0.00	17.96 0.01 -0.02	20.02 0.05 0.00	21.36 0.15 0.00	20.97 0.14 0.00	22.20 0.20 0.00	19.06 0.15 0.00	19.37 0.20 0.00	19.29 0.31 0.00	22.24 0.36 0.00	21.24 0.31 0.00	21.49 0.28 0.00	20.93 0.19 0.00	20.91 0.21 0.00	18.21 0.20 0.00	20.37 0.09 0.00
BETHLEHEM___GS1 323560	14.71 0.26 0.00	15.91 0.18 0.00	16.22 0.15 0.00	15.85 0.18 0.00	16.64 0.15 0.00	17.93 0.11 0.00	16.37 0.16 0.00	18.37 0.17 -0.13	19.34 0.10 0.00	17.96 0.01 -0.02	20.02 0.05 0.00	21.36 0.16 0.00	20.97 0.14 0.00	22.20 0.20 0.00	19.06 0.15 0.00	19.37 0.20 0.00	19.30 0.32 0.00	22.24 0.36 0.00	21.24 0.31 0.00	21.48 0.28 0.00	20.93 0.19 0.00	20.91 0.21 0.00	18.21 0.20 0.00	20.37 0.09 0.00
BETHLEHEM___GS2 323561	14.71 0.26 0.00	15.91 0.18 0.00	16.22 0.15 0.00	15.85 0.18 0.00	16.64 0.15 0.00	17.93 0.11 0.00	16.37 0.16 0.00	18.37 0.17 -0.13	19.34 0.10 0.00	17.96 0.01 -0.02	20.02 0.05 0.00	21.36 0.16 0.00	20.97 0.14 0.00	22.20 0.20 0.00	19.06 0.15 0.00	19.37 0.20 0.00	19.30 0.32 0.00	22.24 0.36 0.00	21.24 0.31 0.00	21.48 0.28 0.00	20.93 0.19 0.00	20.91 0.21 0.00	18.21 0.20 0.00	20.37 0.09 0.00
BETHLEHEM___GS3 323562	14.71 0.26 0.00	15.91 0.18 0.00	16.22 0.15 0.00	15.85 0.18 0.00	16.64 0.15 0.00	17.93 0.11 0.00	16.37 0.16 0.00	18.37 0.17 -0.13	19.34 0.10 0.00	17.96 0.01 -0.02	20.02 0.05 0.00	21.36 0.16 0.00	20.97 0.14 0.00	22.20 0.20 0.00	19.06 0.15 0.00	19.37 0.20 0.00	19.30 0.32 0.00	22.24 0.36 0.00	21.24 0.31 0.00	21.48 0.28 0.00	20.93 0.19 0.00	20.91 0.21 0.00	18.21 0.20 0.00	20.37 0.09 0.00
BETHLEHEM___STEEL 23779	14.16 -0.30 0.00	15.47 -0.26 0.00	15.88 -0.19 0.00	15.42 -0.25 0.00	16.30 -0.19 0.00	17.77 -0.06 0.00	16.05 -0.16 0.00	17.91 -0.15 0.00	19.14 -0.10 0.00	18.00 0.07 0.00	19.99 0.02 0.00	20.91 -0.30 0.00	20.38 -0.45 0.00	21.28 -0.72 0.00	18.28 -0.59 0.05	18.03 -0.58 0.56	17.54 -0.60 0.84	21.08 -0.80 0.00	20.26 -0.68 0.00	20.53 -0.67 0.00	20.04 -0.70 0.00	19.97 -0.73 0.00	17.57 -0.44 0.00	20.04 -0.24 0.00
BETHLHEM_115KV_TB1 79974	14.75 0.29 0.00	15.96 0.23 0.00	16.27 0.20 0.00	15.90 0.22 0.00	16.69 0.20 0.00	17.98 0.16 0.00	16.41 0.20 0.00	18.43 0.23 -0.13	19.40 0.16 0.00	18.02 0.07 -0.02	20.09 0.12 0.00	21.44 0.23 0.00	21.05 0.21 0.00	22.27 0.27 0.00	19.12 0.22 0.00	19.43 0.26 0.00	19.35 0.36 0.00	22.30 0.43 0.00	21.31 0.37 0.00	21.55 0.35 0.00	20.99 0.25 0.00	20.97 0.27 0.00	18.27 0.25 0.00	20.43 0.16 0.00
BETHPAGE_CC_5 323564	34.71 1.01 -19.24	20.53 1.02 -3.79	19.55 1.00 -2.48	17.02 1.00 -0.35	19.32 1.03 -1.80	21.13 1.04 -2.26	27.02 1.03 -9.78	33.43 1.25 -14.11	32.93 1.33 -12.35	65.14 1.23 -45.99	39.01 1.29 -17.74	29.63 1.47 -6.95	25.39 1.55 -3.02	26.78 1.69 -3.09	29.66 1.41 -9.35	308.48 1.50 -287.81	25.71 1.57 -5.16	23.62 1.74 0.00	42.51 1.61 -19.96	30.62 1.57 -7.85	29.88 1.43 -7.72	33.23 1.44 -11.09	22.18 1.27 -2.89	22.14 1.20 -0.66
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	14.19 -0.26 0.00	15.50 -0.23 0.00	15.91 -0.16 0.00	15.46 -0.21 0.00	16.34 -0.15 0.00	17.80 -0.02 0.00	16.09 -0.12 0.00	17.97 -0.10 0.00	19.21 -0.04 0.00	18.07 0.13 0.00	20.06 0.08 0.00	20.98 -0.22 0.00	20.45 -0.38 0.00	21.36 -0.64 0.00	18.35 -0.52 0.04	18.14 -0.52 0.51	17.68 -0.54 0.76	21.16 -0.72 0.00	20.33 -0.61 0.00	20.60 -0.60 0.00	20.11 -0.63 0.00	20.04 -0.66 0.00	17.63 -0.39 0.00	20.10 -0.18 0.00
BINGHAMTON___COGEN 23790	14.52 0.07 0.00	15.82 0.09 0.00	16.17 0.09 0.00	15.77 0.10 0.00	16.61 0.12 0.00	17.95 0.13 0.00	16.30 0.09 0.00	18.25 0.18 0.00	19.48 0.24 0.00	18.20 0.26 0.00	20.24 0.26 0.00	21.46 0.25 0.00	21.09 0.26 0.00	22.25 0.26 0.00	19.15 0.25 0.00	19.43 0.26 0.00	19.20 0.22 0.00	22.08 0.20 0.00	21.14 0.20 0.00	21.40 0.19 0.00	20.86 0.12 0.00	20.86 0.16 0.00	18.14 0.12 0.00	20.47 0.20 0.00
BIXINCNT_115KV_LOAD 355685	14.16 -0.29 0.00	15.51 -0.22 0.00	15.98 -0.09 0.00	15.55 -0.12 0.00	16.41 -0.08 0.00	17.86 0.04 0.00	16.17 -0.05 0.00	18.21 0.14 0.00	19.56 0.32 0.00	18.41 0.48 0.00	20.41 0.43 0.00	21.18 -0.02 0.00	20.60 -0.23 0.00	21.47 -0.52 0.00	18.44 -0.45 0.02	18.50 -0.47 0.20	18.28 -0.40 0.30	21.29 -0.59 0.00	20.50 -0.43 0.00	20.89 -0.31 0.00	20.37 -0.37 0.00	20.31 -0.39 0.00	17.79 -0.22 0.00	20.32 0.05 0.00
BLACK RIVER___HYD 24047	14.55 0.09 0.00	16.14 0.40 0.00	16.50 0.43 0.00	16.02 0.35 0.00	16.95 0.45 0.00	18.38 0.56 0.00	16.78 0.57 0.00	18.72 0.65 0.00	19.93 0.69 0.00	18.59 0.66 0.00	20.72 0.75 0.00	21.93 0.72 0.00	21.22 0.38 0.00	21.94 -0.05 0.00	18.77 -0.13 0.00	19.05 -0.12 0.00	18.48 -0.50 0.00	21.32 -0.55 0.00	20.86 -0.08 0.00	21.90 0.70 0.00	21.59 0.85 0.00	21.52 0.82 0.00	18.61 0.59 0.00	20.79 0.51 0.00

BLACKRVR_115KV_TB2 79977	14.56 0.10 0.00	16.13 0.40 0.00	16.50 0.43 0.00	16.02 0.35 0.00	16.94 0.45 0.00	18.38 0.56 0.00	16.78 0.57 0.00	18.72 0.65 0.00	19.93 0.69 0.00	18.59 0.66 0.00	20.72 0.75 0.00	21.93 0.72 0.00	21.22 0.39 0.00	21.94 -0.06 0.00	18.77 -0.13 0.00	19.05 -0.12 0.00	18.49 -0.50 0.00	21.32 -0.55 0.00	20.86 -0.08 0.00	21.90 0.70 0.00	21.59 0.85 0.00	21.52 0.82 0.00	18.61 0.59 0.00	20.79 0.51 0.00
BLISS_WT_PWR 323608	14.12 -0.34 0.00	15.46 -0.27 0.00	15.94 -0.14 0.00	15.52 -0.16 0.00	16.36 -0.13 0.00	17.82 -0.01 0.00	16.14 -0.07 0.00	18.20 0.13 0.00	19.58 0.34 0.00	18.43 0.49 0.00	20.41 0.43 0.00	21.13 -0.07 0.00	20.54 -0.29 0.00	21.39 -0.62 0.00	18.36 -0.53 0.02	18.43 -0.54 0.20	18.22 -0.47 0.30	21.24 -0.63 0.00	20.47 -0.47 0.00	20.90 -0.30 0.00	20.37 -0.37 0.00	20.31 -0.39 0.00	17.78 -0.24 0.00	20.32 0.05 0.00
BLUE_CIRC_CHEM_DRP 24182	14.92 0.46 0.00	16.18 0.45 0.00	16.50 0.43 0.00	16.12 0.44 0.00	16.92 0.43 0.00	18.25 0.43 0.00	16.65 0.43 0.00	18.67 0.48 -0.12	19.66 0.41 0.00	18.26 0.31 -0.02	20.35 0.37 0.00	21.69 0.48 0.00	21.28 0.44 0.00	22.51 0.51 0.00	19.33 0.43 0.00	19.65 0.48 0.00	19.56 0.57 0.00	22.56 0.68 0.00	21.54 0.61 0.00	21.81 0.61 0.00	21.26 0.52 0.00	21.24 0.54 0.00	18.50 0.49 0.00	20.73 0.46 0.00
BOC_GAS_DRP 24189	14.81 0.35 0.00	16.07 0.35 0.00	16.39 0.31 0.00	16.01 0.34 0.00	16.81 0.32 0.00	18.12 0.29 0.00	16.52 0.30 0.00	18.55 0.36 -0.12	19.55 0.31 0.00	18.19 0.24 -0.02	20.26 0.29 0.00	21.60 0.39 0.00	21.21 0.38 0.00	22.44 0.44 0.00	19.29 0.38 0.00	19.58 0.41 0.00	19.47 0.48 0.00	22.46 0.58 0.00	21.45 0.52 0.00	21.68 0.48 0.00	21.14 0.40 0.00	21.12 0.42 0.00	18.40 0.38 0.00	20.60 0.33 0.00
BOONVILLE_115KV_TB1 79983	14.64 0.18 0.00	16.06 0.33 0.00	16.41 0.34 0.00	15.97 0.30 0.00	16.82 0.33 0.00	18.24 0.42 0.00	16.59 0.37 0.00	18.49 0.42 0.00	19.69 0.45 0.00	18.38 0.45 0.00	20.53 0.56 0.00	21.78 0.58 0.00	21.30 0.47 0.00	22.37 0.37 0.00	19.16 0.25 0.00	19.31 0.15 0.00	18.96 -0.02 0.00	21.90 0.02 0.00	21.13 0.19 0.00	21.71 0.51 0.00	21.28 0.54 0.00	21.23 0.52 0.00	18.43 0.41 0.00	20.64 0.37 0.00
BORALEX_4TH_BRANCH 23824	15.30 0.84 0.00	16.62 0.89 0.00	16.94 0.86 0.00	16.54 0.87 0.00	17.30 0.80 0.00	18.68 0.86 0.00	17.00 0.78 0.00	19.07 0.85 -0.15	19.96 0.72 0.00	18.48 0.53 -0.02	20.57 0.60 0.00	21.97 0.76 0.00	21.47 0.63 0.00	22.74 0.74 0.00	19.51 0.61 0.00	19.80 0.63 0.00	19.80 0.82 0.00	22.87 1.00 0.00	21.85 0.92 0.00	22.18 0.98 0.00	21.60 0.86 0.00	21.63 0.92 0.00	18.86 0.85 0.00	21.06 0.79 0.00
BOWLINE___1 23526	15.08 0.62 0.00	16.33 0.60 0.00	16.63 0.56 0.00	16.27 0.60 0.00	17.07 0.58 0.00	18.40 0.58 0.00	16.77 0.56 0.00	17.80 0.72 0.99	20.02 0.78 0.00	18.53 0.72 0.12	20.76 0.79 0.00	22.14 0.93 0.00	21.89 1.06 0.00	23.22 1.22 0.00	19.91 1.01 0.00	20.24 1.07 0.00	20.10 1.11 0.00	23.16 1.28 0.00	22.09 1.15 0.00	22.21 1.01 0.00	21.63 0.89 0.00	21.59 0.89 0.00	18.76 0.75 0.00	20.96 0.68 0.00
BOWLINE___2 23595	15.08 0.62 0.00	16.33 0.60 0.00	16.63 0.56 0.00	16.27 0.60 0.00	17.07 0.58 0.00	18.40 0.58 0.00	16.77 0.56 0.00	17.80 0.73 0.99	20.02 0.78 0.00	18.53 0.72 0.12	20.76 0.79 0.00	22.14 0.94 0.00	21.89 1.06 0.00	23.22 1.22 0.00	19.91 1.01 0.00	20.24 1.07 0.00	20.10 1.12 0.00	23.16 1.28 0.00	22.09 1.15 0.00	22.22 1.01 0.00	21.63 0.89 0.00	21.59 0.89 0.00	18.76 0.75 0.00	20.96 0.69 0.00
BRADY___115KV_TB2 356060	14.61 0.16 0.00	15.95 0.22 0.00	16.35 0.28 0.00	15.93 0.25 0.00	16.79 0.30 0.00	18.22 0.40 0.00	16.62 0.40 0.00	18.53 0.46 0.00	19.77 0.53 0.00	18.44 0.50 0.00	20.52 0.54 0.00	21.69 0.48 0.00	21.27 0.44 0.00	22.43 0.43 0.00	19.27 0.37 0.00	19.43 0.26 0.00	19.10 0.12 0.00	22.01 0.13 0.00	21.06 0.12 0.00	21.44 0.24 0.00	21.27 0.53 0.00	21.24 0.53 0.00	18.42 0.41 0.00	20.69 0.42 0.00
BRANSCOMB___SOLAR 323811	15.34 0.88 0.00	16.65 0.92 0.00	16.97 0.90 0.00	16.57 0.90 0.00	17.41 0.92 0.00	18.81 0.99 0.00	17.19 0.98 0.00	19.26 1.07 -0.13	20.25 1.00 0.00	18.81 0.86 -0.02	20.94 0.96 0.00	22.30 1.09 0.00	21.80 0.96 0.00	23.15 1.15 0.00	19.88 0.98 0.00	20.16 1.00 0.00	20.04 1.06 0.00	23.27 1.39 0.00	22.30 1.36 0.00	22.54 1.34 0.00	21.99 1.25 0.00	21.98 1.27 0.00	19.12 1.10 0.00	21.39 1.11 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	34.84 1.14 -19.24	20.65 1.14 -3.79	19.69 1.14 -2.48	17.16 1.14 -0.35	19.47 1.18 -1.80	21.27 1.18 -2.26	27.16 1.17 -9.78	33.59 1.40 -14.11	33.09 1.49 -12.35	65.27 1.35 -45.99	39.08 1.35 -17.74	29.78 1.63 -6.95	25.54 1.69 -3.02	26.92 1.84 -3.09	29.79 1.54 -9.35	318.03 1.64 -297.22	25.84 1.69 -5.16	23.59 1.72 0.00	42.74 1.62 -20.18	30.87 1.82 -7.85	30.11 1.66 -7.72	33.42 1.62 -11.09	22.34 1.43 -2.89	22.32 1.38 -0.66
BRISTLHL_115KV_TB1 79998	14.25 -0.20 0.00	15.52 -0.21 0.00	15.85 -0.22 0.00	15.46 -0.22 0.00	16.29 -0.21 0.00	17.60 -0.22 0.00	15.98 -0.23 0.00	17.76 -0.30 0.00	18.93 -0.31 0.00	17.67 -0.26 0.00	19.69 -0.28 0.00	20.88 -0.33 0.00	20.49 -0.34 0.00	21.58 -0.42 0.00	18.55 -0.36 0.00	18.80 -0.36 0.00	18.62 -0.37 0.00	21.47 -0.41 0.00	20.59 -0.34 0.00	20.88 -0.32 0.00	20.41 -0.32 0.00	20.37 -0.33 0.00	17.74 -0.28 0.00	20.05 -0.23 0.00
BROOKHAVEN___DRP 24191	34.66 0.96 -19.24	20.49 0.97 -3.79	19.55 0.99 -2.48	17.04 1.02 -0.35	19.33 1.04 -1.80	21.09 1.00 -2.26	26.93 0.93 -9.78	33.32 1.14 -14.11	32.82 1.22 -12.35	65.03 1.11 -45.99	38.83 1.11 -17.74	29.49 1.33 -6.95	25.20 1.35 -3.02	26.57 1.48 -3.09	29.46 1.21 -9.35	317.65 1.26 -297.22	25.54 1.40 -5.16	23.42 1.54 0.00	42.57 1.45 -20.18	30.56 1.50 -7.85	29.80 1.35 -7.72	33.08 1.29 -11.09	22.07 1.16 -2.89	22.00 1.06 -0.66
BROOKLYN_NAVY_YARD 23515	15.21 0.76 0.00	16.48 0.75 0.00	16.78 0.71 0.00	16.41 0.74 0.00	17.21 0.72 0.00	18.54 0.72 0.00	16.93 0.72 0.00	19.63 0.90 -0.66	20.22 0.98 0.00	18.95 0.93 -0.08	20.98 1.01 0.00	22.37 1.16 0.00	22.12 1.29 0.00	23.48 1.48 0.00	20.14 1.23 0.01	20.47 1.30 0.01	20.33 1.34 0.00	23.41 1.54 0.00	22.32 1.38 0.00	22.43 1.23 0.01	21.80 1.07 0.01	21.75 1.05 0.01	18.93 0.91 0.00	21.10 0.83 0.00
BROOKLYN___ARMY_DRP 323595	15.28 0.82 0.00	16.56 0.83 0.00	16.86 0.79 0.00	16.49 0.81 0.00	17.30 0.81 0.00	18.65 0.83 0.00	17.04 0.82 0.00	19.73 1.00 -0.66	20.31 1.07 0.00	19.04 1.03 -0.08	21.10 1.12 0.00	22.49 1.28 0.00	22.24 1.41 0.00	23.59 1.59 0.00	20.25 1.35 0.00	20.59 1.42 -0.01	20.43 1.45 0.00	23.55 1.67 0.00	22.44 1.50 0.00	22.58 1.38 0.00	21.96 1.22 -0.01	21.91 1.20 -0.01	19.04 1.02 0.00	21.22 0.94 0.00

BROOKVLE_69_KV_TB1 55790	34.67 0.97 -19.24	20.49 0.97 -3.79	19.49 0.94 -2.48	16.98 0.96 -0.35	19.26 0.97 -1.80	21.07 0.99 -2.26	26.98 0.98 -9.78	33.38 1.20 -14.11	32.89 1.29 -12.35	65.13 1.21 -45.99	39.02 1.30 -17.74	29.60 1.45 -6.95	25.42 1.58 -3.02	26.86 1.77 -3.09	29.74 1.48 -9.35	306.47 1.57 -285.74	25.67 1.53 -5.16	23.61 1.74 0.00	42.43 1.59 -19.91	30.55 1.49 -7.85	29.80 1.34 -7.72	33.12 1.32 -11.09	22.05 1.15 -2.89	22.08 1.15 -0.66
BROOME_2_LFGE 323671	14.52 0.07 0.00	15.82 0.09 0.00	16.17 0.10 0.00	15.78 0.10 0.00	16.61 0.12 0.00	17.95 0.13 0.00	16.30 0.09 0.00	18.25 0.18 0.00	19.48 0.24 0.00	18.20 0.26 0.00	20.24 0.26 0.00	21.45 0.24 0.00	21.08 0.25 0.00	22.25 0.25 0.00	19.15 0.24 0.00	19.43 0.26 0.00	19.20 0.21 0.00	22.08 0.20 0.00	21.14 0.20 0.00	21.40 0.20 0.00	20.86 0.12 0.00	20.86 0.16 0.00	18.14 0.12 0.00	20.47 0.20 0.00
BROOME__LFGE 323600	14.52 0.07 0.00	15.82 0.09 0.00	16.17 0.10 0.00	15.78 0.10 0.00	16.61 0.12 0.00	17.95 0.13 0.00	16.30 0.09 0.00	18.25 0.18 0.00	19.48 0.24 0.00	18.20 0.26 0.00	20.24 0.26 0.00	21.45 0.24 0.00	21.08 0.25 0.00	22.25 0.25 0.00	19.15 0.24 0.00	19.43 0.26 0.00	19.20 0.21 0.00	22.08 0.20 0.00	21.14 0.20 0.00	21.40 0.20 0.00	20.86 0.12 0.00	20.86 0.16 0.00	18.14 0.12 0.00	20.47 0.20 0.00
BROWNFLS_115KV_TB_3_5 80003	14.55 0.09 0.00	15.98 0.26 0.00	16.38 0.31 0.00	15.92 0.25 0.00	16.81 0.32 0.00	18.24 0.41 0.00	16.65 0.44 0.00	18.57 0.50 0.00	19.79 0.55 0.00	18.45 0.52 0.00	20.53 0.56 0.00	21.73 0.52 0.00	21.21 0.38 0.00	22.17 0.17 0.00	18.98 0.07 0.00	19.14 -0.03 0.00	18.64 -0.34 0.00	21.45 -0.43 0.00	20.71 -0.22 0.00	21.44 0.24 0.00	21.30 0.56 0.00	21.30 0.59 0.00	18.47 0.45 0.00	20.68 0.41 0.00
BROWNSV1_27_KV_LOAD 356125	15.35 0.89 0.00	16.61 0.88 0.00	16.92 0.85 0.00	16.55 0.87 0.00	17.36 0.86 0.00	18.71 0.89 0.00	17.09 0.88 0.00	19.82 1.10 -0.66	20.43 1.19 0.00	19.15 1.13 -0.08	21.21 1.24 0.00	22.61 1.40 0.00	22.37 1.54 0.00	23.74 1.74 0.00	20.37 1.47 0.00	20.70 1.53 0.00	20.56 1.57 0.00	23.67 1.79 0.00	22.57 1.63 0.00	22.70 1.49 0.00	22.07 1.34 0.00	22.01 1.31 0.00	19.12 1.10 0.00	21.31 1.04 0.00
BURROWS__LYONSDAL 23803	14.60 0.14 0.00	16.06 0.33 0.00	16.43 0.36 0.00	15.97 0.30 0.00	16.83 0.34 0.00	18.26 0.44 0.00	16.61 0.39 0.00	18.52 0.45 0.00	19.72 0.48 0.00	18.40 0.47 0.00	20.54 0.57 0.00	21.79 0.58 0.00	21.28 0.45 0.00	22.29 0.29 0.00	19.06 0.16 0.00	19.24 0.07 0.00	18.83 -0.15 0.00	21.73 -0.14 0.00	21.01 0.08 0.00	21.71 0.51 0.00	21.32 0.58 0.00	21.26 0.56 0.00	18.45 0.44 0.00	20.65 0.38 0.00
CAITHNESS_CC_1 323624	34.63 0.94 -19.24	20.48 0.97 -3.79	19.53 0.98 -2.48	17.02 1.00 -0.35	19.32 1.03 -1.80	21.08 1.00 -2.26	26.94 0.95 -9.78	33.33 1.15 -14.11	32.83 1.23 -12.35	65.04 1.12 -45.99	38.84 1.12 -17.74	29.49 1.34 -6.95	25.21 1.37 -3.02	26.59 1.50 -3.09	29.47 1.22 -9.35	317.68 1.29 -297.22	25.56 1.41 -5.16	23.42 1.54 0.00	42.57 1.46 -20.18	30.56 1.50 -7.85	29.81 1.35 -7.72	33.10 1.30 -11.09	22.08 1.18 -2.89	22.02 1.08 -0.66
CALPINE BETH_PAGE_GT4 24209	34.71 1.01 -19.24	20.52 1.01 -3.79	19.53 0.98 -2.48	17.01 0.99 -0.35	19.30 1.01 -1.80	21.11 1.03 -2.26	27.00 1.01 -9.78	33.40 1.23 -14.11	32.90 1.30 -12.35	65.12 1.20 -45.99	38.98 1.26 -17.74	29.60 1.45 -6.95	25.37 1.52 -3.02	26.72 1.63 -3.09	29.61 1.36 -9.35	305.17 1.44 -284.56	25.65 1.50 -5.16	23.55 1.68 0.00	42.37 1.55 -19.88	30.55 1.50 -7.85	29.81 1.36 -7.72	33.20 1.40 -11.09	22.15 1.25 -2.89	22.12 1.18 -0.66
CALPINE_BETH_PAGE_GT_4 323586	34.69 0.99 -19.24	20.52 1.00 -3.79	19.53 0.98 -2.48	17.01 0.99 -0.35	19.30 1.01 -1.80	21.11 1.03 -2.26	27.00 1.01 -9.78	33.40 1.23 -14.11	32.90 1.30 -12.35	65.13 1.20 -45.99	38.98 1.26 -17.74	29.60 1.45 -6.95	25.37 1.52 -3.02	26.72 1.63 -3.09	29.61 1.36 -9.35	305.18 1.45 -284.56	25.65 1.50 -5.16	23.56 1.68 0.00	42.37 1.55 -19.88	30.55 1.50 -7.85	29.82 1.36 -7.72	33.20 1.40 -11.09	22.15 1.24 -2.89	22.11 1.18 -0.66
CALPINE_BP_GT1 23823	34.69 0.99 -19.24	20.52 1.00 -3.79	19.53 0.98 -2.48	17.01 0.99 -0.35	19.30 1.01 -1.80	21.11 1.03 -2.26	27.00 1.01 -9.78	33.40 1.23 -14.11	32.90 1.30 -12.35	65.13 1.20 -45.99	38.98 1.26 -17.74	29.60 1.45 -6.95	25.37 1.52 -3.02	26.72 1.63 -3.09	29.61 1.36 -9.35	305.18 1.45 -284.56	25.65 1.50 -5.16	23.56 1.68 0.00	42.37 1.55 -19.88	30.55 1.50 -7.85	29.82 1.36 -7.72	33.20 1.40 -11.09	22.15 1.24 -2.89	22.11 1.18 -0.66
CALSPAN__DRP 24200	14.16 -0.30 0.00	15.47 -0.26 0.00	15.88 -0.19 0.00	15.42 -0.25 0.00	16.30 -0.19 0.00	17.77 -0.06 0.00	16.05 -0.16 0.00	17.91 -0.15 0.00	19.14 -0.10 0.00	18.00 0.07 0.00	19.99 0.02 0.00	20.91 -0.30 0.00	20.38 -0.45 0.00	21.28 -0.72 0.00	18.28 -0.59 0.05	18.03 -0.58 0.56	17.54 -0.60 0.84	21.08 -0.80 0.00	20.26 -0.68 0.00	20.53 -0.67 0.00	20.04 -0.70 0.00	19.97 -0.73 0.00	17.57 -0.44 0.00	20.04 -0.24 0.00
CALVERTON__SOLAR 323806	34.65 0.95 -19.24	20.50 0.99 -3.79	19.57 1.02 -2.48	17.06 1.04 -0.35	19.36 1.07 -1.80	21.12 1.03 -2.26	26.94 0.95 -9.78	33.34 1.16 -14.11	32.83 1.24 -12.35	65.05 1.13 -45.99	38.86 1.14 -17.74	29.51 1.36 -6.95	25.21 1.37 -3.02	26.59 1.50 -3.09	29.48 1.22 -9.35	317.67 1.28 -297.22	25.56 1.41 -5.16	23.45 1.57 0.00	42.60 1.49 -20.18	30.59 1.54 -7.85	29.84 1.39 -7.72	33.11 1.32 -11.09	22.09 1.19 -2.89	22.01 1.08 -0.66
CANDIGU_WT_PWR 323617	14.11 -0.34 0.00	15.41 -0.32 0.00	15.82 -0.25 0.00	15.40 -0.28 0.00	16.22 -0.28 0.00	17.60 -0.22 0.00	16.00 -0.21 0.00	17.98 -0.08 0.00	19.34 0.10 0.00	18.05 0.11 0.00	19.92 -0.05 0.00	20.24 -0.60 0.36	-3.83 -1.12 23.54	-19.92 -1.54 40.38	-22.93 -1.32 40.52	-22.03 -1.25 39.95	-1.50 -0.88 19.61	21.29 -0.58 0.00	20.58 -0.36 0.00	20.98 -0.22 0.00	20.48 -0.25 0.00	20.47 -0.24 0.00	17.79 -0.23 0.00	20.26 -0.02 0.00
CARR STREET_E_SYR 24060	14.32 -0.13 0.00	15.59 -0.13 0.00	15.93 -0.14 0.00	15.54 -0.14 0.00	16.36 -0.13 0.00	17.69 -0.13 0.00	16.06 -0.15 0.00	17.88 -0.19 0.00	19.06 -0.18 0.00	17.80 -0.13 0.00	19.83 -0.14 0.00	21.03 -0.18 0.00	20.63 -0.20 0.00	21.76 -0.24 0.00	18.70 -0.20 0.00	18.95 -0.22 0.00	18.75 -0.24 0.00	21.62 -0.25 0.00	20.73 -0.21 0.00	21.00 -0.20 0.00	20.51 -0.22 0.00	20.47 -0.23 0.00	17.82 -0.19 0.00	20.13 -0.14 0.00
CARTHAGE__PAPER 23857	14.59 0.14 0.00	16.16 0.44 0.00	16.54 0.47 0.00	16.06 0.38 0.00	16.97 0.47 0.00	18.41 0.59 0.00	16.81 0.60 0.00	18.75 0.68 0.00	19.96 0.72 0.00	18.61 0.68 0.00	20.75 0.77 0.00	21.96 0.75 0.00	21.29 0.45 0.00	22.03 0.03 0.00	18.84 -0.07 0.00	19.11 -0.05 0.00	18.58 -0.40 0.00	21.43 -0.45 0.00	20.90 -0.03 0.00	21.90 0.70 0.00	21.61 0.87 0.00	21.56 0.86 0.00	18.66 0.64 0.00	20.83 0.56 0.00

CASSADAGA_WT_PWR 323784	14.20 -0.26 0.00	15.61 -0.12 0.00	16.19 0.11 0.00	15.79 0.12 0.00	16.69 0.19 0.00	18.10 0.28 0.00	16.40 0.18 0.00	18.58 0.51 0.00	20.04 0.80 0.00	18.90 0.97 0.00	21.04 1.06 0.00	22.05 0.85 0.00	21.38 0.55 0.00	22.20 0.20 0.00	19.12 0.23 0.02	19.25 0.30 0.22	18.93 0.28 0.33	22.06 0.18 0.00	21.26 0.32 0.00	21.56 0.36 0.00	20.97 0.24 0.00	20.96 0.26 0.00	18.12 0.10 0.00	20.51 0.23 0.00
CE_DUNWOOD___DRP 24194	15.16 0.71 0.00	16.42 0.69 0.00	16.73 0.65 0.00	16.36 0.68 0.00	17.16 0.67 0.00	18.50 0.68 0.00	16.88 0.67 0.00	19.62 0.85 -0.70	20.15 0.91 0.00	18.87 0.85 -0.09	20.90 0.93 0.00	22.29 1.08 0.00	22.02 1.19 0.00	23.36 1.36 0.00	20.03 1.13 0.00	20.36 1.19 0.00	20.21 1.23 0.00	23.29 1.42 0.00	22.22 1.28 0.00	22.35 1.15 0.00	21.74 1.01 0.00	21.70 0.99 0.00	18.86 0.84 0.00	21.06 0.79 0.00
CE_MILLWOOD___DRP 24193	15.14 0.68 0.00	16.39 0.66 0.00	16.69 0.62 0.00	16.33 0.65 0.00	17.13 0.64 0.00	18.47 0.64 0.00	16.85 0.63 0.00	19.61 0.81 -0.73	20.11 0.87 0.00	18.84 0.81 -0.09	20.86 0.88 0.00	22.24 1.03 0.00	21.98 1.14 0.00	23.30 1.30 0.00	19.99 1.08 0.00	20.31 1.14 0.00	20.17 1.18 0.00	23.25 1.37 0.00	22.17 1.23 0.00	22.30 1.10 0.00	21.71 0.97 0.00	21.67 0.96 0.00	18.83 0.81 0.00	21.02 0.75 0.00
CE_NYC2_DRP 24202	15.24 0.78 0.00	16.51 0.78 0.00	16.81 0.74 0.00	16.44 0.76 0.00	17.24 0.75 0.00	18.57 0.75 0.00	16.97 0.76 0.00	19.67 0.95 -0.66	20.26 1.02 0.00	19.00 0.98 -0.08	21.04 1.07 0.00	22.43 1.23 0.00	22.18 1.35 0.00	23.54 1.54 0.00	20.20 1.29 0.00	20.52 1.35 0.00	20.37 1.39 0.00	23.46 1.59 0.00	22.37 1.43 0.00	22.50 1.30 0.00	21.87 1.13 0.00	21.81 1.11 0.00	18.96 0.94 0.00	21.13 0.85 0.00
CE_NYC_DRP 24195	15.23 0.77 0.00	16.49 0.77 0.00	16.79 0.72 0.00	16.43 0.76 0.00	17.24 0.74 0.00	18.57 0.75 0.00	16.95 0.74 0.00	19.66 0.93 -0.66	20.24 1.00 0.00	18.98 0.96 -0.08	21.03 1.06 0.00	22.42 1.21 0.00	22.17 1.33 0.00	23.52 1.52 0.00	20.18 1.28 0.00	20.51 1.34 0.00	20.36 1.38 0.00	23.45 1.57 0.00	22.36 1.43 0.00	22.48 1.28 0.00	21.86 1.12 0.00	21.80 1.10 0.00	18.95 0.93 0.00	21.13 0.85 0.00
CHAFFEE___LFGE 323603	14.17 -0.29 0.00	15.47 -0.26 0.00	15.88 -0.19 0.00	15.44 -0.23 0.00	16.30 -0.19 0.00	17.77 -0.05 0.00	16.07 -0.15 0.00	17.96 -0.11 0.00	19.21 -0.03 0.00	18.07 0.13 0.00	20.05 0.08 0.00	20.95 -0.26 0.00	20.41 -0.42 0.00	21.32 -0.68 0.00	18.32 -0.55 0.03	18.21 -0.56 0.40	17.81 -0.58 0.60	21.15 -0.72 0.00	20.34 -0.60 0.00	20.65 -0.55 0.00	20.14 -0.60 0.00	20.06 -0.64 0.00	17.63 -0.39 0.00	20.10 -0.18 0.00
CHATEAUG_35_KV_LOAD 355732	14.53 0.08 0.00	15.77 0.05 0.00	16.26 0.18 0.00	15.90 0.23 0.00	16.90 0.41 0.00	18.31 0.49 0.00	16.72 0.51 0.00	18.66 0.59 0.00	20.04 0.80 0.00	18.62 0.69 0.00	20.68 0.70 0.00	21.94 0.73 0.00	21.46 0.63 0.00	22.60 0.60 0.00	19.38 0.48 0.00	19.61 0.44 0.00	19.21 0.23 0.00	21.86 -0.02 0.00	20.96 0.02 0.00	21.16 -0.04 0.00	21.29 0.55 0.00	21.40 0.69 0.00	18.44 0.43 0.00	20.80 0.53 0.00
CHATEAUG_WT_PWR 323614	14.54 0.08 0.00	15.79 0.06 0.00	16.27 0.20 0.00	15.91 0.24 0.00	16.92 0.42 0.00	18.32 0.50 0.00	16.74 0.53 0.00	18.67 0.60 0.00	20.07 0.82 0.00	18.63 0.70 0.00	20.68 0.71 0.00	21.96 0.75 0.00	21.48 0.64 0.00	22.61 0.61 0.00	19.40 0.50 0.00	19.63 0.47 0.00	19.24 0.26 0.00	21.87 0.00 0.00	20.96 0.02 0.00	21.16 -0.04 0.00	21.30 0.56 0.00	21.44 0.73 0.00	18.47 0.45 0.00	20.82 0.54 0.00
CHAT_HIGH_FALL_HYD 323578	14.52 0.06 0.00	15.77 0.04 0.00	16.25 0.18 0.00	15.90 0.22 0.00	16.90 0.41 0.00	18.31 0.49 0.00	16.72 0.51 0.00	18.66 0.59 0.00	20.04 0.80 0.00	18.62 0.68 0.00	20.68 0.70 0.00	21.94 0.73 0.00	21.46 0.63 0.00	22.60 0.60 0.00	19.38 0.48 0.00	19.61 0.45 0.00	19.22 0.23 0.00	21.86 -0.02 0.00	20.96 0.02 0.00	21.16 -0.04 0.00	21.29 0.56 0.00	21.40 0.69 0.00	18.45 0.43 0.00	20.80 0.53 0.00
CHAUTAUQUA___LFGE 323629	14.27 -0.18 0.00	15.63 -0.10 0.00	16.12 0.05 0.00	15.72 0.05 0.00	16.60 0.11 0.00	18.01 0.19 0.00	16.29 0.08 0.00	18.34 0.28 0.00	19.68 0.44 0.00	18.52 0.58 0.00	20.56 0.59 0.00	21.58 0.38 0.00	21.05 0.21 0.00	21.94 -0.05 0.00	18.88 0.01 0.03	18.84 0.08 0.41	18.41 0.04 0.61	21.89 0.01 0.00	21.04 0.10 0.00	21.31 0.10 0.00	20.73 0.00 0.00	20.74 0.04 0.00	18.03 0.02 0.00	20.48 0.21 0.00
CHERRYST_13_KV_LD 356241	15.27 0.82 0.00	16.54 0.81 0.00	16.84 0.77 0.00	16.47 0.80 0.00	17.28 0.79 0.00	18.62 0.81 0.00	17.00 0.79 0.00	19.72 0.99 -0.66	20.32 1.08 0.00	19.05 1.03 -0.08	21.11 1.14 0.00	22.50 1.30 0.00	22.26 1.43 0.00	23.61 1.62 0.00	20.26 1.36 0.00	20.58 1.42 0.00	20.44 1.46 0.00	23.53 1.66 0.00	22.44 1.50 0.00	22.54 1.34 0.00	21.92 1.18 0.00	21.86 1.15 0.00	19.00 0.98 0.00	21.18 0.91 0.00
CHESTROR_138KV_BK263 355645	15.02 0.56 0.00	16.27 0.54 0.00	16.58 0.51 0.00	16.20 0.53 0.00	17.01 0.52 0.00	18.34 0.52 0.00	16.72 0.51 0.00	18.07 0.66 0.66	19.94 0.70 0.00	18.49 0.64 0.08	20.66 0.68 0.00	22.01 0.80 0.00	21.73 0.90 0.00	23.04 1.04 0.00	19.78 0.87 0.00	20.09 0.93 0.00	19.96 0.97 0.00	23.01 1.14 0.00	21.96 1.02 0.00	22.11 0.90 0.00	21.53 0.79 0.00	21.50 0.79 0.00	18.69 0.67 0.00	20.91 0.64 0.00
CH_MIDHUDSON___DRP 24192	15.16 0.70 0.00	16.42 0.69 0.00	16.73 0.65 0.00	16.35 0.68 0.00	17.17 0.68 0.00	18.51 0.69 0.00	16.90 0.69 0.00	19.09 0.87 -0.15	20.15 0.91 0.00	18.78 0.83 -0.02	20.87 0.90 0.00	22.26 1.05 0.00	21.95 1.12 0.00	23.26 1.27 0.00	19.96 1.05 0.00	20.27 1.11 0.00	20.14 1.16 0.00	23.24 1.36 0.00	22.17 1.24 0.00	22.32 1.12 0.00	21.73 0.99 0.00	21.69 0.99 0.00	18.85 0.84 0.00	21.06 0.79 0.00
CH_MISC_IPPS 23765	15.21 0.75 0.00	16.48 0.75 0.00	16.78 0.71 0.00	16.41 0.74 0.00	17.23 0.74 0.00	18.58 0.76 0.00	16.97 0.75 0.00	19.01 0.94 0.00	20.25 1.00 0.00	18.85 0.92 0.00	20.97 1.00 0.00	22.35 1.14 0.00	22.05 1.22 0.00	23.38 1.38 0.00	20.09 1.18 0.00	20.40 1.23 0.00	20.27 1.28 0.00	23.38 1.50 0.00	22.31 1.37 0.00	22.45 1.25 0.00	21.85 1.12 0.00	21.80 1.10 0.00	18.95 0.93 0.00	21.16 0.88 0.00
CH_RES_BVR_FALLS 23983	14.23 -0.22 0.00	15.58 -0.15 0.00	16.01 -0.06 0.00	15.55 -0.12 0.00	16.37 -0.12 0.00	17.75 -0.07 0.00	16.16 -0.05 0.00	18.03 -0.04 0.00	19.21 -0.03 0.00	17.89 -0.05 0.00	19.95 -0.02 0.00	21.13 -0.07 0.00	20.78 -0.05 0.00	21.84 -0.16 0.00	18.71 -0.19 0.00	19.00 -0.17 0.00	18.67 -0.31 0.00	21.40 -0.48 0.00	20.53 -0.41 0.00	21.03 -0.17 0.00	20.67 -0.06 0.00	20.61 -0.10 0.00	17.88 -0.13 0.00	20.10 -0.18 0.00

CH_RES_NIAGARA 23895	13.92 -0.54 0.00	15.20 -0.53 0.00	15.60 -0.47 0.00	15.16 -0.51 0.00	16.00 -0.49 0.00	17.46 -0.36 0.00	15.74 -0.47 0.00	17.38 -0.69 0.00	18.47 -0.77 0.00	17.33 -0.61 0.00	19.24 -0.73 0.00	20.11 -1.10 0.00	19.62 -1.21 0.00	20.46 -1.53 0.00	17.56 -1.28 0.06	17.14 -1.31 0.73	16.53 -1.36 1.09	20.18 -1.69 0.00	19.41 -1.53 0.00	19.65 -1.55 0.00	19.23 -1.51 0.00	19.14 -1.57 0.00	17.05 -0.97 0.00	19.54 -0.74 0.00
CH_RES_SYRACUSE 23985	14.41 -0.04 0.00	15.68 -0.05 0.00	16.02 -0.05 0.00	15.62 -0.05 0.00	16.47 -0.03 0.00	17.79 -0.04 0.00	16.16 -0.05 0.00	17.99 -0.08 0.00	19.18 -0.06 0.00	17.90 -0.03 0.00	19.94 -0.04 0.00	21.14 -0.07 0.00	20.74 -0.09 0.00	21.86 -0.14 0.00	18.81 -0.10 0.00	19.07 -0.10 0.00	18.87 -0.12 0.00	21.76 -0.12 0.00	20.87 -0.07 0.00	21.15 -0.05 0.00	20.66 -0.08 0.00	20.62 -0.09 0.00	17.94 -0.08 0.00	20.26 -0.02 0.00
CLINTON_WT_PWR 323605	14.54 0.08 0.00	15.79 0.06 0.00	16.27 0.20 0.00	15.91 0.24 0.00	16.92 0.42 0.00	18.32 0.50 0.00	16.74 0.53 0.00	18.67 0.60 0.00	20.07 0.82 0.00	18.63 0.70 0.00	20.68 0.71 0.00	21.96 0.75 0.00	21.48 0.64 0.00	22.61 0.61 0.00	19.40 0.50 0.00	19.63 0.47 0.00	19.24 0.26 0.00	21.87 0.00 0.00	20.96 0.02 0.00	21.16 -0.04 0.00	21.30 0.56 0.00	21.44 0.73 0.00	18.47 0.45 0.00	20.82 0.54 0.00
CLINTON___LFGE 323618	14.71 0.25 0.00	15.95 0.22 0.00	16.43 0.36 0.00	16.07 0.40 0.00	17.10 0.60 0.00	18.53 0.71 0.00	16.95 0.74 0.00	18.89 0.83 0.00	20.33 1.09 0.00	18.87 0.93 0.00	20.93 0.95 0.00	22.23 1.02 0.00	21.72 0.88 0.00	22.87 0.88 0.00	19.63 0.73 0.00	19.84 0.68 0.00	19.48 0.49 0.00	22.16 0.28 0.00	21.25 0.31 0.00	21.46 0.26 0.00	21.57 0.83 0.00	21.73 1.03 0.00	18.72 0.70 0.00	21.07 0.79 0.00
COBBLENY_34_KV_TB1 80064	14.15 -0.30 0.00	15.46 -0.27 0.00	15.88 -0.19 0.00	15.43 -0.25 0.00	16.30 -0.19 0.00	17.76 -0.06 0.00	16.07 -0.15 0.00	17.95 -0.11 0.00	19.21 -0.04 0.00	18.07 0.13 0.00	20.05 0.08 0.00	20.94 -0.26 0.00	20.41 -0.42 0.00	21.31 -0.69 0.00	18.32 -0.56 0.03	18.21 -0.56 0.40	17.83 -0.56 0.60	21.15 -0.72 0.00	20.34 -0.60 0.00	20.64 -0.57 0.00	20.14 -0.60 0.00	20.06 -0.65 0.00	17.63 -0.39 0.00	20.09 -0.18 0.00
COFFEEN___115KV_TB3 355620	14.65 0.19 0.00	16.23 0.50 0.00	16.59 0.52 0.00	16.12 0.44 0.00	17.04 0.55 0.00	18.50 0.68 0.00	16.90 0.68 0.00	18.84 0.78 0.00	20.07 0.83 0.00	18.73 0.79 0.00	20.87 0.90 0.00	22.08 0.87 0.00	21.32 0.49 0.00	22.01 0.01 0.00	18.83 -0.07 0.00	19.12 -0.05 0.00	18.56 -0.43 0.00	21.43 -0.45 0.00	21.04 0.10 0.00	22.05 0.85 0.00	21.74 1.00 0.00	21.67 0.96 0.00	18.72 0.70 0.00	20.90 0.63 0.00
COLDSPRG_115KV_BK1 355956	14.50 0.04 0.00	15.89 0.16 0.00	16.37 0.30 0.00	15.96 0.29 0.00	16.85 0.36 0.00	18.29 0.47 0.00	16.58 0.36 0.00	18.80 0.73 0.00	20.27 1.03 0.00	19.08 1.14 0.00	21.21 1.24 0.00	22.25 1.04 0.00	21.64 0.81 0.00	22.57 0.57 0.00	19.41 0.50 0.00	19.69 0.53 0.00	19.47 0.49 0.00	22.19 0.32 0.00	21.32 0.38 0.00	21.59 0.39 0.00	21.01 0.28 0.00	21.03 0.33 0.00	18.28 0.26 0.00	20.74 0.47 0.00
COLONIE_LFGE___ 323577	15.09 0.64 0.00	16.38 0.65 0.00	16.69 0.62 0.00	16.31 0.64 0.00	17.11 0.62 0.00	18.46 0.64 0.00	16.84 0.63 0.00	18.90 0.70 -0.13	19.87 0.62 0.00	18.46 0.50 -0.02	20.57 0.59 0.00	21.93 0.73 0.00	21.47 0.64 0.00	22.75 0.75 0.00	19.52 0.61 0.00	19.81 0.64 0.00	19.72 0.74 0.00	22.80 0.92 0.00	21.81 0.87 0.00	22.07 0.86 0.00	21.49 0.76 0.00	21.50 0.79 0.00	18.72 0.70 0.00	20.94 0.66 0.00
COOPERNY_115KV_TB1 80082	14.86 0.40 0.00	16.12 0.39 0.00	16.44 0.37 0.00	16.06 0.39 0.00	16.87 0.38 0.00	18.20 0.38 0.00	16.58 0.37 0.00	18.28 0.48 0.27	19.76 0.51 0.00	18.38 0.48 0.03	20.48 0.50 0.00	21.80 0.59 0.00	21.49 0.66 0.00	22.76 0.76 0.00	19.55 0.65 0.00	19.86 0.69 0.00	19.70 0.72 0.00	22.72 0.84 0.00	21.69 0.75 0.00	21.86 0.66 0.00	21.31 0.58 0.00	21.28 0.58 0.00	18.51 0.49 0.00	20.73 0.46 0.00
COPENHAGEN_WT_PWR 323753	14.41 -0.04 0.00	16.04 0.31 0.00	16.39 0.32 0.00	15.92 0.24 0.00	16.84 0.35 0.00	18.25 0.43 0.00	16.67 0.46 0.00	18.58 0.52 0.00	19.79 0.55 0.00	18.46 0.52 0.00	20.58 0.60 0.00	21.79 0.59 0.00	21.10 0.26 0.00	21.82 -0.18 0.00	18.66 -0.24 0.00	18.94 -0.22 0.00	18.33 -0.65 0.00	21.11 -0.77 0.00	20.61 -0.32 0.00	21.77 0.57 0.00	21.45 0.71 0.00	21.39 0.68 0.00	18.49 0.47 0.00	20.65 0.38 0.00
CORNELL_____ 23752	14.63 0.18 0.00	15.93 0.20 0.00	16.28 0.20 0.00	15.86 0.19 0.00	16.73 0.24 0.00	18.10 0.27 0.00	16.45 0.24 0.00	18.36 0.30 0.00	19.54 0.30 0.00	18.22 0.28 0.00	20.26 0.29 0.00	21.47 0.26 0.00	21.12 0.29 0.00	22.32 0.32 0.00	19.21 0.31 0.00	19.41 0.25 0.00	19.21 0.23 0.00	22.11 0.23 0.00	21.22 0.28 0.00	21.56 0.36 0.00	21.06 0.33 0.00	21.04 0.33 0.00	18.27 0.25 0.00	20.59 0.32 0.00
CORONA_AAV_69_KV_TB1 355595	34.70 1.01 -19.24	20.53 1.02 -3.79	19.54 0.99 -2.48	17.03 1.01 -0.35	19.30 1.01 -1.80	21.13 1.05 -2.26	27.00 1.00 -9.78	33.39 1.22 -14.11	32.90 1.30 -12.35	65.13 1.21 -45.99	39.01 1.29 -17.74	29.62 1.47 -6.95	25.40 1.55 -3.02	26.83 1.74 -3.09	29.71 1.45 -9.35	320.73 1.50 -300.06	25.66 1.52 -5.16	23.58 1.70 0.00	42.80 1.62 -20.25	30.60 1.55 -7.85	29.86 1.40 -7.72	33.20 1.41 -11.09	22.15 1.25 -2.89	22.11 1.17 -0.66
CORTLAND_115KV_TB3 80093	14.56 0.10 0.00	15.85 0.12 0.00	16.20 0.12 0.00	15.79 0.12 0.00	16.64 0.15 0.00	17.99 0.17 0.00	16.35 0.13 0.00	18.25 0.18 0.00	19.44 0.20 0.00	18.14 0.21 0.00	20.20 0.22 0.00	21.42 0.21 0.00	21.05 0.22 0.00	22.23 0.23 0.00	19.11 0.21 0.00	19.33 0.16 0.00	19.13 0.14 0.00	22.02 0.14 0.00	21.12 0.18 0.00	21.43 0.22 0.00	20.92 0.18 0.00	20.90 0.20 0.00	18.16 0.14 0.00	20.47 0.20 0.00
COXSACKIE___GT 23611	15.34 0.89 0.00	16.60 0.87 0.00	16.94 0.87 0.00	16.53 0.85 0.00	17.37 0.87 0.00	18.76 0.94 0.00	17.20 0.99 0.00	19.27 1.10 -0.09	20.23 0.99 0.00	18.70 0.75 -0.01	20.90 0.92 0.00	22.34 1.13 0.00	21.89 1.06 0.00	23.08 1.08 0.00	19.71 0.81 0.00	20.32 1.15 0.00	20.27 1.29 0.00	23.36 1.49 0.00	22.24 1.30 0.00	22.65 1.45 0.00	22.07 1.33 0.00	22.03 1.32 0.00	19.15 1.13 0.00	21.37 1.10 0.00
CPV_VALLEY___CC1 323721	14.90 0.44 0.00	16.16 0.43 0.00	16.46 0.39 0.00	16.09 0.42 0.00	16.90 0.41 0.00	18.22 0.39 0.00	16.60 0.39 0.00	18.20 0.52 0.38	19.80 0.56 0.00	18.40 0.51 0.05	20.52 0.55 0.00	21.87 0.66 0.00	21.58 0.75 0.00	22.87 0.87 0.00	19.63 0.73 0.00	19.94 0.78 0.00	19.80 0.81 0.00	22.81 0.94 0.00	21.77 0.83 0.00	21.92 0.72 0.00	21.36 0.62 0.00	21.33 0.62 0.00	18.55 0.54 0.00	20.75 0.48 0.00

CPV_VALLEY___CC2 323722	14.90 0.44 0.00	16.16 0.43 0.00	16.46 0.39 0.00	16.09 0.42 0.00	16.90 0.41 0.00	18.22 0.39 0.00	16.60 0.39 0.00	18.20 0.52 0.38	19.80 0.56 0.00	18.40 0.51 0.05	20.52 0.55 0.00	21.87 0.66 0.00	21.58 0.75 0.00	22.87 0.87 0.00	19.63 0.73 0.00	19.94 0.78 0.00	19.80 0.81 0.00	22.81 0.94 0.00	21.77 0.83 0.00	21.92 0.72 0.00	21.36 0.62 0.00	21.33 0.62 0.00	18.55 0.54 0.00	20.75 0.48 0.00
CRESCENT___HYD 24018	15.09 0.64 0.00	16.38 0.65 0.00	16.69 0.62 0.00	16.31 0.64 0.00	17.11 0.62 0.00	18.46 0.64 0.00	16.84 0.63 0.00	18.90 0.70 -0.13	19.87 0.62 0.00	18.46 0.50 -0.02	20.57 0.59 0.00	21.93 0.73 0.00	21.47 0.64 0.00	22.75 0.75 0.00	19.52 0.61 0.00	19.81 0.64 0.00	19.72 0.74 0.00	22.80 0.92 0.00	21.81 0.87 0.00	22.07 0.86 0.00	21.49 0.76 0.00	21.50 0.79 0.00	18.72 0.70 0.00	20.94 0.66 0.00
CRICKET___VALLEY_CC1 323756	15.03 0.58 0.00	16.29 0.56 0.00	16.60 0.52 0.00	16.22 0.55 0.00	17.04 0.55 0.00	18.37 0.55 0.00	16.79 0.57 0.00	19.08 0.72 -0.30	19.96 0.72 0.00	18.61 0.64 -0.04	20.65 0.67 0.00	22.03 0.82 0.00	21.69 0.86 0.00	22.96 0.96 0.00	19.67 0.77 0.00	19.99 0.82 0.00	19.87 0.89 0.00	22.95 1.07 0.00	21.90 0.96 0.00	22.07 0.87 0.00	21.47 0.73 0.00	21.45 0.75 0.00	18.67 0.65 0.00	20.85 0.57 0.00
CRICKET___VALLEY_CC2 323757	15.03 0.58 0.00	16.29 0.56 0.00	16.60 0.52 0.00	16.22 0.55 0.00	17.04 0.55 0.00	18.37 0.55 0.00	16.79 0.57 0.00	19.08 0.72 -0.30	19.96 0.72 0.00	18.61 0.64 -0.04	20.65 0.67 0.00	22.03 0.82 0.00	21.69 0.86 0.00	22.96 0.96 0.00	19.67 0.77 0.00	19.99 0.82 0.00	19.87 0.89 0.00	22.95 1.07 0.00	21.90 0.96 0.00	22.07 0.87 0.00	21.47 0.73 0.00	21.45 0.75 0.00	18.67 0.65 0.00	20.85 0.57 0.00
CRICKET___VALLEY_CC3 323758	15.03 0.58 0.00	16.29 0.56 0.00	16.60 0.52 0.00	16.22 0.55 0.00	17.04 0.55 0.00	18.37 0.55 0.00	16.79 0.57 0.00	19.08 0.72 -0.30	19.96 0.72 0.00	18.61 0.64 -0.04	20.65 0.67 0.00	22.03 0.82 0.00	21.69 0.86 0.00	22.96 0.96 0.00	19.67 0.77 0.00	19.99 0.82 0.00	19.87 0.89 0.00	22.95 1.07 0.00	21.90 0.96 0.00	22.07 0.87 0.00	21.47 0.73 0.00	21.45 0.75 0.00	18.67 0.65 0.00	20.85 0.57 0.00
CRUCIBLE_METL_DRP 24180	14.41 -0.04 0.00	15.68 -0.05 0.00	16.02 -0.05 0.00	15.62 -0.05 0.00	16.47 -0.02 0.00	17.78 -0.04 0.00	16.16 -0.05 0.00	17.99 -0.08 0.00	19.18 -0.06 0.00	17.90 -0.03 0.00	19.94 -0.04 0.00	21.14 -0.07 0.00	20.74 -0.09 0.00	21.86 -0.14 0.00	18.81 -0.10 0.00	19.07 -0.10 0.00	18.87 -0.11 0.00	21.76 -0.12 0.00	20.87 -0.07 0.00	21.15 -0.05 0.00	20.66 -0.08 0.00	20.62 -0.09 0.00	17.94 -0.08 0.00	20.26 -0.02 0.00
DAHOWA___HYDRO 323763	15.41 0.96 0.00	16.73 1.01 0.00	17.06 0.99 0.00	16.65 0.98 0.00	17.51 1.02 0.00	18.93 1.11 0.00	17.32 1.11 0.00	19.39 1.20 -0.13	20.38 1.14 0.00	18.93 0.98 -0.02	21.07 1.09 0.00	22.44 1.24 0.00	21.91 1.08 0.00	23.28 1.29 0.00	19.98 1.08 0.00	20.26 1.09 0.00	20.16 1.17 0.00	23.43 1.56 0.00	22.46 1.52 0.00	22.69 1.49 0.00	22.14 1.40 0.00	22.13 1.43 0.00	19.25 1.23 0.00	21.53 1.26 0.00
DANC___LFGE 323619	14.34 -0.12 0.00	15.82 0.09 0.00	16.16 0.09 0.00	15.72 0.04 0.00	16.60 0.10 0.00	17.97 0.15 0.00	16.39 0.17 0.00	18.25 0.18 0.00	19.44 0.20 0.00	18.14 0.20 0.00	20.21 0.24 0.00	21.42 0.21 0.00	20.83 0.00 0.00	21.68 -0.31 0.00	18.58 -0.32 0.00	18.85 -0.32 0.00	18.40 -0.59 0.00	21.21 -0.66 0.00	20.58 -0.35 0.00	21.40 0.19 0.00	21.02 0.28 0.00	20.99 0.29 0.00	18.19 0.17 0.00	20.41 0.13 0.00
DANSKAMMER___1 23586	15.21 0.75 0.00	16.48 0.75 0.00	16.78 0.71 0.00	16.41 0.74 0.00	17.23 0.74 0.00	18.58 0.76 0.00	16.97 0.75 0.00	19.01 0.94 0.00	20.25 1.00 0.00	18.85 0.92 0.00	20.97 1.00 0.00	22.35 1.14 0.00	22.05 1.22 0.00	23.38 1.38 0.00	20.09 1.18 0.00	20.40 1.23 0.00	20.27 1.28 0.00	23.38 1.50 0.00	22.31 1.37 0.00	22.45 1.25 0.00	21.85 1.12 0.00	21.80 1.10 0.00	18.95 0.93 0.00	21.16 0.88 0.00
DANSKAMMER___2 23589	15.21 0.75 0.00	16.48 0.75 0.00	16.78 0.71 0.00	16.41 0.74 0.00	17.23 0.74 0.00	18.58 0.76 0.00	16.97 0.75 0.00	19.01 0.94 0.00	20.25 1.00 0.00	18.85 0.92 0.00	20.97 1.00 0.00	22.35 1.14 0.00	22.05 1.22 0.00	23.38 1.38 0.00	20.09 1.18 0.00	20.40 1.23 0.00	20.27 1.28 0.00	23.38 1.50 0.00	22.31 1.37 0.00	22.45 1.25 0.00	21.85 1.12 0.00	21.80 1.10 0.00	18.95 0.93 0.00	21.16 0.88 0.00
DANSKAMMER___3 23590	15.21 0.75 0.00	16.48 0.75 0.00	16.78 0.71 0.00	16.41 0.74 0.00	17.23 0.74 0.00	18.58 0.76 0.00	16.97 0.75 0.00	19.01 0.94 0.00	20.25 1.00 0.00	18.85 0.92 0.00	20.97 1.00 0.00	22.35 1.14 0.00	22.05 1.22 0.00	23.38 1.38 0.00	20.09 1.18 0.00	20.40 1.23 0.00	20.27 1.28 0.00	23.38 1.50 0.00	22.31 1.37 0.00	22.45 1.25 0.00	21.85 1.12 0.00	21.80 1.10 0.00	18.95 0.93 0.00	21.16 0.88 0.00
DANSKAMMER___4 23591	15.21 0.75 0.00	16.48 0.75 0.00	16.78 0.71 0.00	16.41 0.74 0.00	17.23 0.74 0.00	18.58 0.76 0.00	16.97 0.75 0.00	19.01 0.94 0.00	20.25 1.00 0.00	18.85 0.92 0.00	20.97 1.00 0.00	22.35 1.14 0.00	22.05 1.22 0.00	23.38 1.38 0.00	20.09 1.18 0.00	20.40 1.23 0.00	20.27 1.28 0.00	23.38 1.50 0.00	22.31 1.37 0.00	22.45 1.25 0.00	21.85 1.12 0.00	21.80 1.10 0.00	18.95 0.93 0.00	21.16 0.88 0.00
DANSKAMMER___DIESEL 23592	15.21 0.75 0.00	16.48 0.75 0.00	16.78 0.71 0.00	16.41 0.74 0.00	17.23 0.74 0.00	18.58 0.76 0.00	16.97 0.75 0.00	19.01 0.94 0.00	20.25 1.01 0.00	18.85 0.92 0.00	20.97 1.00 0.00	22.35 1.15 0.00	22.05 1.22 0.00	23.38 1.38 0.00	20.08 1.18 0.00	20.39 1.23 0.00	20.27 1.28 0.00	23.38 1.50 0.00	22.31 1.37 0.00	22.45 1.25 0.00	21.85 1.11 0.00	21.80 1.10 0.00	18.95 0.93 0.00	21.16 0.88 0.00
DARBY___SOLAR 323810	15.35 0.89 0.00	16.66 0.93 0.00	16.98 0.91 0.00	16.58 0.91 0.00	17.43 0.94 0.00	18.83 1.01 0.00	17.21 1.00 0.00	19.29 1.09 -0.13	20.28 1.04 0.00	18.84 0.90 -0.02	20.98 1.01 0.00	22.35 1.14 0.00	21.83 1.00 0.00	23.19 1.20 0.00	19.89 0.99 0.00	20.17 1.00 0.00	20.07 1.09 0.00	23.31 1.43 0.00	22.33 1.39 0.00	22.56 1.36 0.00	22.01 1.27 0.00	22.01 1.30 0.00	19.14 1.12 0.00	21.41 1.14 0.00
DASHVILLE___HYD 23610	14.96 0.50 0.00	16.24 0.51 0.00	16.53 0.46 0.00	16.17 0.50 0.00	16.97 0.47 0.00	18.29 0.47 0.00	16.66 0.45 0.00	18.69 0.62 0.00	19.94 0.70 0.00	18.58 0.64 0.00	20.67 0.70 0.00	22.02 0.82 0.00	21.76 0.93 0.00	23.08 1.08 0.00	19.81 0.91 0.00	20.11 0.94 0.00	19.97 0.98 0.00	23.06 1.18 0.00	21.96 1.03 0.00	22.08 0.87 0.00	21.49 0.76 0.00	21.46 0.75 0.00	18.66 0.64 0.00	20.86 0.59 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	34.99 1.29 -19.24	20.84 1.33 -3.79	19.93 1.38 -2.48	17.40 1.38 -0.35	19.74 1.45 -1.80	21.51 1.43 -2.26	27.35 1.35 -9.78	33.80 1.62 -14.11	33.33 1.74 -12.35	65.55 1.63 -45.99	39.39 1.67 -17.74	30.06 1.90 -6.95	25.74 1.90 -3.02	27.14 2.06 -3.09	29.95 1.70 -9.35	318.07 1.68 -297.22	25.99 1.85 -5.16	24.05 2.17 0.00	43.20 2.09 -20.18	31.20 2.15 -7.85	30.41 1.96 -7.72	33.64 1.84 -11.09	22.52 1.62 -2.89	22.48 1.54 -0.66
DELAWARE___LFGE 323621	14.82 0.36 0.00	16.13 0.40 0.00	16.46 0.38 0.00	16.06 0.39 0.00	16.90 0.41 0.00	18.24 0.42 0.00	16.61 0.40 0.00	18.57 0.50 0.00	19.78 0.54 0.00	18.45 0.51 0.00	20.53 0.56 0.00	21.80 0.59 0.00	21.44 0.61 0.00	22.68 0.68 0.00	19.50 0.59 0.00	19.77 0.61 0.00	19.58 0.60 0.00	22.57 0.69 0.00	21.57 0.64 0.00	21.81 0.60 0.00	21.30 0.56 0.00	21.27 0.57 0.00	18.50 0.48 0.00	20.77 0.50 0.00
DERFIELD_115KV_TB7 355931	14.47 0.01 0.00	15.75 0.02 0.00	16.08 0.01 0.00	15.69 0.02 0.00	16.50 0.01 0.00	17.82 0.00 0.00	16.21 0.00 0.00	18.07 0.00 0.00	19.24 0.00 0.00	17.93 0.00 0.00	19.98 0.00 0.00	21.22 0.01 0.00	20.83 0.00 0.00	22.02 0.01 0.00	18.91 0.01 0.00	19.17 0.00 0.00	19.00 0.01 0.00	21.90 0.02 0.00	20.96 0.02 0.00	21.23 0.02 0.00	20.74 0.00 0.00	20.71 0.00 0.00	18.02 0.00 0.00	20.27 -0.01 0.00
DOGLEVILLE___HYD 23807	14.42 -0.04 0.00	15.61 -0.12 0.00	15.81 -0.26 0.00	15.44 -0.23 0.00	16.24 -0.25 0.00	17.55 -0.27 0.00	15.92 -0.30 0.00	17.82 -0.25 0.00	18.95 -0.30 0.00	17.68 -0.25 0.00	19.72 -0.25 0.00	20.96 -0.25 0.00	20.53 -0.30 0.00	21.92 -0.07 0.00	18.85 -0.06 0.00	18.97 -0.20 0.00	18.88 -0.10 0.00	21.85 -0.03 0.00	20.76 -0.17 0.00	21.09 -0.11 0.00	20.56 -0.17 0.00	20.59 -0.12 0.00	17.85 -0.17 0.00	19.91 -0.36 0.00
DUNKIRK___115KV_TB_200 55889	14.28 -0.18 0.00	15.63 -0.10 0.00	16.10 0.03 0.00	15.69 0.02 0.00	16.59 0.09 0.00	17.98 0.16 0.00	16.27 0.06 0.00	18.31 0.24 0.00	19.63 0.39 0.00	18.47 0.53 0.00	20.50 0.53 0.00	21.51 0.31 0.00	20.99 0.16 0.00	21.90 -0.09 0.00	18.85 -0.02 0.03	18.80 0.06 0.42	18.38 0.03 0.63	21.85 -0.02 0.00	21.00 0.06 0.00	21.26 0.05 0.00	20.69 -0.05 0.00	20.70 0.00 0.00	18.01 -0.01 0.00	20.46 0.19 0.00
DUNKIRK___1 23563	14.28 -0.18 0.00	15.63 -0.10 0.00	16.10 0.03 0.00	15.69 0.02 0.00	16.59 0.09 0.00	17.98 0.16 0.00	16.27 0.06 0.00	18.31 0.24 0.00	19.63 0.39 0.00	18.47 0.53 0.00	20.50 0.53 0.00	21.51 0.31 0.00	20.99 0.16 0.00	21.90 -0.09 0.00	18.85 -0.02 0.03	18.80 0.06 0.42	18.38 0.03 0.63	21.85 -0.02 0.00	21.00 0.06 0.00	21.26 0.05 0.00	20.69 -0.05 0.00	20.70 0.00 0.00	18.01 -0.01 0.00	20.46 0.19 0.00
DUNKIRK___2 23564	14.28 -0.18 0.00	15.63 -0.10 0.00	16.10 0.03 0.00	15.69 0.02 0.00	16.59 0.09 0.00	17.98 0.16 0.00	16.27 0.06 0.00	18.31 0.24 0.00	19.63 0.39 0.00	18.47 0.53 0.00	20.50 0.53 0.00	21.51 0.31 0.00	20.99 0.16 0.00	21.90 -0.09 0.00	18.85 -0.02 0.03	18.80 0.06 0.42	18.38 0.03 0.63	21.85 -0.02 0.00	21.00 0.06 0.00	21.26 0.05 0.00	20.69 -0.05 0.00	20.70 0.00 0.00	18.01 -0.01 0.00	20.46 0.19 0.00
DUNKIRK___3 23565	14.25 -0.20 0.00	15.58 -0.14 0.00	16.04 -0.03 0.00	15.62 -0.05 0.00	16.51 0.02 0.00	17.91 0.09 0.00	16.20 -0.02 0.00	18.20 0.13 0.00	19.50 0.26 0.00	18.34 0.41 0.00	20.36 0.38 0.00	21.36 0.15 0.00	20.85 0.02 0.00	21.77 -0.23 0.00	18.72 -0.15 0.04	18.63 -0.08 0.45	18.19 -0.12 0.68	21.67 -0.21 0.00	20.82 -0.12 0.00	21.07 -0.13 0.00	20.52 -0.22 0.00	20.52 -0.18 0.00	17.90 -0.12 0.00	20.35 0.08 0.00
DUNKIRK___4 23566	14.25 -0.20 0.00	15.58 -0.14 0.00	16.04 -0.03 0.00	15.62 -0.05 0.00	16.51 0.02 0.00	17.91 0.09 0.00	16.20 -0.02 0.00	18.20 0.13 0.00	19.50 0.26 0.00	18.34 0.41 0.00	20.36 0.38 0.00	21.36 0.15 0.00	20.85 0.02 0.00	21.77 -0.23 0.00	18.72 -0.15 0.04	18.63 -0.08 0.45	18.19 -0.12 0.68	21.67 -0.21 0.00	20.82 -0.12 0.00	21.07 -0.13 0.00	20.52 -0.22 0.00	20.52 -0.18 0.00	17.90 -0.12 0.00	20.35 0.08 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	15.19 0.74 0.00	16.45 0.73 0.00	16.75 0.68 0.00	16.37 0.70 0.00	17.18 0.69 0.00	18.51 0.69 0.00	16.90 0.69 0.00	19.61 0.88 -0.66	20.19 0.94 0.00	18.91 0.89 -0.08	20.94 0.97 0.00	22.33 1.13 0.00	22.07 1.24 0.00	23.41 1.41 0.00	20.08 1.18 0.00	20.40 1.24 0.00	20.26 1.27 0.00	23.34 1.46 0.00	22.27 1.33 0.00	22.39 1.19 0.00	21.79 1.05 0.00	21.74 1.03 0.00	18.90 0.88 0.00	21.09 0.82 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	15.08 0.63 0.00	16.35 0.62 0.00	16.65 0.58 0.00	16.28 0.61 0.00	17.09 0.60 0.00	18.43 0.61 0.00	16.81 0.59 0.00	18.70 0.76 0.13	20.07 0.83 0.00	18.66 0.75 0.02	20.78 0.81 0.00	22.15 0.94 0.00	21.86 1.02 0.00	23.18 1.18 0.00	19.90 1.00 0.00	20.22 1.05 0.00	20.09 1.11 0.00	23.17 1.30 0.00	22.10 1.17 0.00	22.25 1.04 0.00	21.66 0.92 0.00	21.62 0.91 0.00	18.79 0.77 0.00	21.00 0.72 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	15.24 0.78 0.00	16.53 0.80 0.00	16.84 0.77 0.00	16.46 0.78 0.00	17.26 0.77 0.00	18.60 0.78 0.00	16.99 0.77 0.00	19.68 0.95 -0.66	20.26 1.02 0.00	18.97 0.95 -0.08	21.00 1.03 0.00	22.39 1.18 0.00	22.13 1.30 0.00	23.47 1.47 0.00	20.14 1.24 0.00	20.46 1.29 0.00	20.31 1.33 0.00	23.40 1.52 0.00	22.31 1.37 0.00	22.46 1.26 0.00	21.80 1.06 0.00	21.77 1.06 0.00	18.93 0.91 0.00	21.10 0.83 0.00
E179THST_13_KV_LOAD 356214	15.30 0.84 0.00	16.59 0.86 0.00	16.90 0.83 0.00	16.51 0.84 0.00	17.32 0.83 0.00	18.66 0.84 0.00	17.05 0.84 0.00	19.76 1.03 -0.66	20.35 1.11 0.00	19.05 1.04 -0.08	21.10 1.12 0.00	22.49 1.28 0.00	22.24 1.40 0.00	23.58 1.58 0.00	20.24 1.33 0.00	20.55 1.38 0.00	20.41 1.42 0.00	23.50 1.63 0.00	22.41 1.47 0.00	22.56 1.36 0.00	21.90 1.17 0.00	21.86 1.16 0.00	19.01 0.99 0.00	21.19 0.92 0.00
EAST HAMPTON___GT 23717	35.10 1.40 -19.24	21.00 1.48 -3.79	20.09 1.54 -2.48	17.56 1.54 -0.35	19.93 1.64 -1.80	21.72 1.64 -2.26	27.55 1.56 -9.78	34.04 1.86 -14.11	33.58 1.98 -12.35	65.78 1.86 -45.99	39.63 1.91 -17.74	30.31 2.16 -6.95	25.99 2.14 -3.02	27.39 2.30 -3.09	30.17 1.92 -9.35	318.18 1.79 -297.22	26.15 2.01 -5.16	24.33 2.46 0.00	43.49 2.37 -20.18	31.49 2.44 -7.85	30.69 2.24 -7.72	33.91 2.11 -11.09	22.75 1.84 -2.89	22.73 1.79 -0.66
EAST RIVER___6 23660	15.26 0.81 0.00	16.52 0.80 0.00	16.81 0.74 0.00	16.43 0.76 0.00	17.25 0.76 0.00	18.58 0.75 0.00	16.95 0.73 0.00	19.63 0.91 -0.66	20.24 0.99 0.00	18.98 0.96 -0.08	21.01 1.04 0.00	22.38 1.18 0.00	22.15 1.32 0.00	23.48 1.48 0.00	20.16 1.26 0.00	20.52 1.35 0.00	20.39 1.41 0.00	23.46 1.59 0.00	22.37 1.43 0.00	22.47 1.27 0.00	21.85 1.11 0.00	21.79 1.09 0.00	18.95 0.93 0.00	21.11 0.84 0.00

EAST_RIVER___7 23524	15.26 0.81 0.00	16.52 0.80 0.00	16.81 0.74 0.00	16.43 0.76 0.00	17.25 0.76 0.00	18.58 0.75 0.00	16.95 0.73 0.00	19.63 0.91 -0.66	20.24 0.99 0.00	18.98 0.96 -0.08	21.01 1.04 0.00	22.38 1.18 0.00	22.15 1.32 0.00	23.48 1.48 0.00	20.16 1.26 0.00	20.52 1.35 0.00	20.39 1.41 0.00	23.46 1.59 0.00	22.37 1.43 0.00	22.47 1.27 0.00	21.85 1.11 0.00	21.79 1.09 0.00	18.95 0.93 0.00	21.11 0.84 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	15.16 0.71 0.00	16.42 0.69 0.00	16.73 0.65 0.00	16.36 0.68 0.00	17.16 0.67 0.00	18.50 0.68 0.00	16.88 0.67 0.00	19.62 0.85 -0.70	20.15 0.91 0.00	18.87 0.85 -0.09	20.90 0.93 0.00	22.29 1.08 0.00	22.02 1.19 0.00	23.36 1.36 0.00	20.03 1.13 0.00	20.36 1.19 0.00	20.21 1.23 0.00	23.29 1.42 0.00	22.22 1.28 0.00	22.35 1.15 0.00	21.74 1.01 0.00	21.70 0.99 0.00	18.86 0.84 0.00	21.06 0.79 0.00
EAST_HAMPTON___DIESEL 23722	35.10 1.40 -19.24	21.00 1.48 -3.79	20.09 1.54 -2.48	17.56 1.54 -0.35	19.93 1.64 -1.80	21.72 1.64 -2.26	27.55 1.56 -9.78	34.04 1.86 -14.11	33.58 1.98 -12.35	65.78 1.86 -45.99	39.63 1.91 -17.74	30.31 2.16 -6.95	25.99 2.15 -3.02	27.39 2.30 -3.09	30.17 1.92 -9.35	318.18 1.80 -297.22	26.15 2.01 -5.16	24.33 2.46 0.00	43.49 2.37 -20.18	31.49 2.44 -7.85	30.69 2.24 -7.72	33.91 2.11 -11.09	22.75 1.84 -2.89	22.73 1.79 -0.66
EAST_PULASKI___ESR 323781	14.28 -0.17 0.00	15.62 -0.11 0.00	15.96 -0.11 0.00	15.54 -0.14 0.00	16.39 -0.10 0.00	17.73 -0.09 0.00	16.12 -0.09 0.00	17.94 -0.13 0.00	19.12 -0.13 0.00	17.84 -0.10 0.00	19.87 -0.11 0.00	21.07 -0.13 0.00	20.59 -0.24 0.00	21.59 -0.41 0.00	18.52 -0.38 0.00	18.79 -0.38 0.00	18.49 -0.50 0.00	21.33 -0.54 0.00	20.57 -0.37 0.00	21.05 -0.15 0.00	20.61 -0.12 0.00	20.61 -0.10 0.00	17.91 -0.11 0.00	20.17 -0.10 0.00
EAST_RIVER___1 323558	15.23 0.77 0.00	16.49 0.76 0.00	16.79 0.72 0.00	16.43 0.75 0.00	17.23 0.74 0.00	18.57 0.75 0.00	16.95 0.73 0.00	19.66 0.93 -0.66	20.24 1.00 0.00	18.98 0.96 -0.08	21.03 1.05 0.00	22.42 1.21 0.00	22.17 1.34 0.00	23.52 1.52 0.00	20.18 1.28 0.00	20.51 1.34 0.00	20.37 1.38 0.00	23.45 1.57 0.00	22.36 1.43 0.00	22.47 1.27 0.00	21.86 1.12 0.00	21.80 1.10 0.00	18.95 0.93 0.00	21.12 0.85 0.00
EAST_RIVER___2 323559	15.26 0.81 0.00	16.52 0.80 0.00	16.81 0.74 0.00	16.43 0.76 0.00	17.25 0.76 0.00	18.58 0.75 0.00	16.95 0.73 0.00	19.63 0.91 -0.66	20.24 0.99 0.00	18.98 0.96 -0.08	21.01 1.04 0.00	22.38 1.18 0.00	22.15 1.32 0.00	23.48 1.48 0.00	20.16 1.26 0.00	20.52 1.35 0.00	20.39 1.41 0.00	23.46 1.59 0.00	22.37 1.43 0.00	22.47 1.27 0.00	21.85 1.11 0.00	21.79 1.09 0.00	18.95 0.93 0.00	21.11 0.84 0.00
EAST___DELAWARE_HYD 23607	14.72 0.27 0.00	15.92 0.19 0.00	16.24 0.17 0.00	15.84 0.17 0.00	16.70 0.21 0.00	17.97 0.15 0.00	16.49 0.28 0.00	18.38 0.44 0.12	19.74 0.50 0.00	18.28 0.36 0.02	20.19 0.22 0.00	21.52 0.32 0.00	21.20 0.37 0.00	22.56 0.56 0.00	19.39 0.48 0.00	19.80 0.63 0.00	19.74 0.76 0.00	22.79 0.91 0.00	21.73 0.79 0.00	21.86 0.65 0.00	21.31 0.57 0.00	21.26 0.56 0.00	18.46 0.44 0.00	20.63 0.36 0.00
EIGHT_POINT___WT_PWR 323820	13.98 -0.47 0.00	15.22 -0.50 0.00	15.72 -0.36 0.00	15.27 -0.41 0.00	16.06 -0.43 0.00	17.48 -0.34 0.00	15.92 -0.29 0.00	17.98 -0.09 0.00	19.49 0.25 0.00	18.22 0.29 0.00	20.11 0.14 0.00	20.76 -0.45 0.00	19.66 -1.17 0.00	20.41 -1.59 0.00	17.83 -1.34 -0.27	21.20 -1.28 -3.32	22.95 -1.02 -4.99	21.09 -0.78 0.00	20.48 -0.46 0.00	20.98 -0.22 0.00	20.59 -0.15 0.00	20.56 -0.15 0.00	17.80 -0.22 0.00	20.22 -0.06 0.00
ELBRIDGE_115KV_TB2 80188	14.35 -0.11 0.00	15.61 -0.12 0.00	15.95 -0.12 0.00	15.55 -0.12 0.00	16.39 -0.11 0.00	17.71 -0.11 0.00	16.10 -0.11 0.00	17.92 -0.14 0.00	19.11 -0.14 0.00	17.83 -0.11 0.00	19.83 -0.14 0.00	21.03 -0.18 0.00	20.64 -0.19 0.00	21.75 -0.25 0.00	18.71 -0.19 0.00	18.98 -0.18 0.00	18.80 -0.19 0.00	21.67 -0.21 0.00	20.77 -0.16 0.00	21.05 -0.15 0.00	20.56 -0.18 0.00	20.52 -0.18 0.00	17.86 -0.16 0.00	20.16 -0.11 0.00
ELEC_TRO_TEK 24086	34.65 0.95 -19.24	20.45 0.94 -3.79	19.46 0.91 -2.48	16.95 0.93 -0.35	19.24 0.95 -1.80	21.03 0.95 -2.26	26.95 0.95 -9.78	33.34 1.16 -14.11	32.83 1.24 -12.35	65.06 1.13 -45.99	38.90 1.18 -17.74	29.53 1.37 -6.95	25.31 1.46 -3.02	26.71 1.63 -3.09	29.60 1.35 -9.35	313.34 1.43 -292.74	25.64 1.49 -5.16	23.54 1.67 0.00	42.55 1.54 -20.07	30.53 1.47 -7.85	29.77 1.32 -7.72	33.11 1.32 -11.09	22.08 1.18 -2.89	22.05 1.11 -0.66
ELLENBURG_WT_PWR 323604	14.54 0.08 0.00	15.79 0.06 0.00	16.27 0.20 0.00	15.91 0.24 0.00	16.92 0.42 0.00	18.32 0.50 0.00	16.74 0.53 0.00	18.67 0.60 0.00	20.07 0.82 0.00	18.63 0.70 0.00	20.68 0.71 0.00	21.96 0.75 0.00	21.48 0.64 0.00	22.61 0.61 0.00	19.40 0.50 0.00	19.63 0.47 0.00	19.24 0.26 0.00	21.87 0.00 0.00	20.96 0.02 0.00	21.16 -0.04 0.00	21.30 0.56 0.00	21.44 0.73 0.00	18.47 0.45 0.00	20.82 0.54 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	14.12 -0.34 0.00	15.42 -0.31 0.00	15.83 -0.24 0.00	15.38 -0.30 0.00	16.25 -0.24 0.00	17.71 -0.11 0.00	16.00 -0.21 0.00	17.83 -0.23 0.00	19.04 -0.20 0.00	17.92 -0.02 0.00	19.90 -0.08 0.00	20.81 -0.40 0.00	20.28 -0.55 0.00	21.17 -0.82 0.00	18.18 -0.68 0.05	17.87 -0.67 0.63	17.35 -0.70 0.94	20.96 -0.92 0.00	20.14 -0.79 0.00	20.41 -0.80 0.00	19.92 -0.82 0.00	19.85 -0.86 0.00	17.48 -0.53 0.00	19.94 -0.33 0.00
EMPIRE_CC_1 323656	14.88 0.43 0.00	16.14 0.41 0.00	16.45 0.38 0.00	16.08 0.41 0.00	16.86 0.37 0.00	18.17 0.36 0.00	16.55 0.34 0.00	18.58 0.35 -0.16	19.49 0.25 0.00	18.11 0.15 -0.02	20.25 0.27 0.00	21.60 0.39 0.00	21.15 0.32 0.00	22.37 0.37 0.00	19.19 0.29 0.00	19.48 0.31 0.00	19.39 0.41 0.00	22.38 0.51 0.00	21.37 0.44 0.00	21.63 0.43 0.00	21.07 0.34 0.00	21.08 0.38 0.00	18.42 0.40 0.00	20.58 0.30 0.00
EMPIRE_CC_2 323658	14.88 0.43 0.00	16.14 0.41 0.00	16.45 0.38 0.00	16.08 0.41 0.00	16.86 0.37 0.00	18.17 0.36 0.00	16.55 0.34 0.00	18.58 0.35 -0.16	19.49 0.25 0.00	18.11 0.15 -0.02	20.25 0.27 0.00	21.60 0.39 0.00	21.15 0.32 0.00	22.37 0.37 0.00	19.19 0.29 0.00	19.48 0.31 0.00	19.39 0.41 0.00	22.38 0.51 0.00	21.37 0.44 0.00	21.63 0.43 0.00	21.07 0.34 0.00	21.08 0.38 0.00	18.42 0.40 0.00	20.58 0.30 0.00
ENORWICH_115KV_TB1 80156	15.15 0.70 0.00	16.51 0.78 0.00	16.83 0.76 0.00	16.38 0.70 0.00	17.42 0.92 0.00	18.86 1.04 0.00	17.13 0.92 0.00	19.15 1.08 0.00	20.29 1.05 0.00	18.83 0.90 0.00	20.99 1.01 0.00	22.12 0.91 0.00	21.89 1.06 0.00	23.14 1.14 0.00	20.03 1.13 0.00	20.15 0.98 0.00	19.90 0.91 0.00	22.89 1.01 0.00	21.90 0.96 0.00	22.50 1.30 0.00	22.07 1.34 0.00	22.04 1.34 0.00	19.04 1.03 0.00	21.39 1.11 0.00

ERIE_ST__34_KV_TB1-2 80199	14.26 -0.20 0.00	15.56 -0.17 0.00	15.96 -0.11 0.00	15.51 -0.17 0.00	16.37 -0.12 0.00	17.85 0.03 0.00	16.14 -0.07 0.00	18.03 -0.04 0.00	19.28 0.04 0.00	18.15 0.21 0.00	20.16 0.19 0.00	21.11 -0.09 0.00	20.60 -0.23 0.00	21.54 -0.46 0.00	18.50 -0.37 0.04	18.28 -0.37 0.52	17.80 -0.41 0.78	21.31 -0.57 0.00	20.47 -0.47 0.00	20.73 -0.47 0.00	20.21 -0.53 0.00	20.14 -0.57 0.00	17.69 -0.33 0.00	20.15 -0.12 0.00
ERIE_WT_PWR 323693	14.19 -0.27 0.00	15.48 -0.24 0.00	15.89 -0.18 0.00	15.45 -0.23 0.00	16.31 -0.18 0.00	17.78 -0.05 0.00	16.07 -0.15 0.00	17.93 -0.14 0.00	19.16 -0.08 0.00	18.02 0.09 0.00	20.01 0.04 0.00	20.94 -0.27 0.00	20.41 -0.42 0.00	21.32 -0.68 0.00	18.30 -0.56 0.05	18.03 -0.58 0.56	17.52 -0.62 0.84	21.10 -0.78 0.00	20.27 -0.66 0.00	20.56 -0.64 0.00	20.05 -0.68 0.00	20.00 -0.71 0.00	17.59 -0.43 0.00	20.06 -0.22 0.00
ESPRGFLD_115KV_TB1 80157	15.19 0.73 0.00	16.53 0.80 0.00	16.90 0.83 0.00	16.44 0.76 0.00	17.40 0.90 0.00	18.84 1.02 0.00	17.18 0.97 0.00	19.16 1.09 0.00	20.53 1.29 0.00	19.20 1.26 0.00	21.37 1.39 0.00	22.56 1.36 0.00	22.13 1.30 0.00	23.34 1.34 0.00	20.06 1.15 0.00	20.33 1.16 0.00	19.99 1.01 0.00	23.01 1.14 0.00	22.06 1.12 0.00	22.34 1.14 0.00	21.98 1.24 0.00	21.98 1.28 0.00	19.05 1.04 0.00	21.48 1.20 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	14.63 0.17 0.00	15.92 0.19 0.00	16.27 0.20 0.00	15.86 0.18 0.00	16.72 0.23 0.00	18.09 0.27 0.00	16.44 0.22 0.00	18.35 0.28 0.00	19.52 0.28 0.00	18.20 0.27 0.00	20.24 0.27 0.00	21.45 0.24 0.00	21.11 0.27 0.00	22.30 0.30 0.00	19.19 0.28 0.00	19.39 0.23 0.00	19.19 0.21 0.00	22.09 0.21 0.00	21.20 0.26 0.00	21.54 0.34 0.00	21.04 0.31 0.00	21.01 0.31 0.00	18.25 0.23 0.00	20.57 0.30 0.00
ETNA____115KV_TB2 80207	14.63 0.17 0.00	15.92 0.19 0.00	16.27 0.20 0.00	15.86 0.18 0.00	16.72 0.23 0.00	18.09 0.27 0.00	16.44 0.22 0.00	18.35 0.28 0.00	19.52 0.28 0.00	18.20 0.27 0.00	20.24 0.27 0.00	21.45 0.24 0.00	21.11 0.27 0.00	22.30 0.30 0.00	19.19 0.28 0.00	19.39 0.23 0.00	19.19 0.21 0.00	22.09 0.21 0.00	21.20 0.26 0.00	21.54 0.34 0.00	21.04 0.31 0.00	21.01 0.31 0.00	18.25 0.23 0.00	20.57 0.30 0.00
EUCLID____115KV_TB2 356179	14.26 -0.19 0.00	15.53 -0.20 0.00	15.86 -0.21 0.00	15.47 -0.20 0.00	16.29 -0.20 0.00	17.62 -0.20 0.00	15.98 -0.23 0.00	17.79 -0.28 0.00	18.96 -0.28 0.00	17.70 -0.23 0.00	19.72 -0.25 0.00	20.91 -0.29 0.00	20.51 -0.32 0.00	21.63 -0.37 0.00	18.59 -0.31 0.00	18.84 -0.33 0.00	18.65 -0.34 0.00	21.50 -0.38 0.00	20.61 -0.33 0.00	20.89 -0.33 0.00	20.41 -0.31 0.00	20.37 -0.34 0.00	17.74 -0.28 0.00	20.04 -0.23 0.00
E_CANADA_CAP_HY 24051	15.44 0.98 0.00	16.82 1.09 0.00	17.20 1.13 0.00	16.71 1.04 0.00	17.70 1.21 0.00	19.19 1.37 0.00	17.52 1.31 0.00	19.58 1.43 -0.09	20.90 1.65 0.00	19.54 1.59 -0.01	21.77 1.80 0.00	22.96 1.76 0.00	22.45 1.62 0.00	23.70 1.70 0.00	20.33 1.42 0.00	20.60 1.43 0.00	20.23 1.25 0.00	23.35 1.47 0.00	22.42 1.49 0.00	22.68 1.48 0.00	22.34 1.60 0.00	22.36 1.65 0.00	19.37 1.35 0.00	21.85 1.58 0.00
E_CANADA_MHWK_HY 24050	14.42 -0.04 0.00	15.61 -0.12 0.00	15.81 -0.26 0.00	15.44 -0.23 0.00	16.24 -0.25 0.00	17.55 -0.27 0.00	15.92 -0.30 0.00	17.82 -0.25 0.00	18.95 -0.30 0.00	17.68 -0.25 0.00	19.72 -0.25 0.00	20.96 -0.25 0.00	20.53 -0.30 0.00	21.92 -0.07 0.00	18.85 -0.06 0.00	18.97 -0.20 0.00	18.88 -0.10 0.00	21.85 -0.03 0.00	20.76 -0.17 0.00	21.09 -0.11 0.00	20.56 -0.17 0.00	20.59 -0.12 0.00	17.85 -0.17 0.00	19.91 -0.36 0.00
E_FISHKILL____LBMP 23776	15.09 0.63 0.00	16.35 0.62 0.00	16.66 0.59 0.00	16.29 0.61 0.00	17.09 0.60 0.00	18.42 0.60 0.00	16.82 0.60 0.00	19.08 0.76 -0.25	20.04 0.80 0.00	18.69 0.73 -0.03	20.77 0.79 0.00	22.15 0.94 0.00	21.85 1.02 0.00	23.16 1.16 0.00	19.85 0.95 0.00	20.17 1.00 0.00	20.04 1.05 0.00	23.10 1.22 0.00	22.05 1.11 0.00	22.20 0.99 0.00	21.60 0.87 0.00	21.57 0.86 0.00	18.76 0.74 0.00	20.96 0.68 0.00
FALCON____SEABRD_CC1 323796	14.69 0.24 0.00	15.94 0.21 0.00	16.42 0.35 0.00	16.06 0.38 0.00	17.08 0.59 0.00	18.50 0.68 0.00	16.93 0.72 0.00	18.87 0.80 0.00	20.32 1.07 0.00	18.84 0.90 0.00	20.90 0.92 0.00	22.21 1.01 0.00	21.70 0.86 0.00	22.86 0.86 0.00	19.62 0.71 0.00	19.84 0.67 0.00	19.47 0.49 0.00	22.13 0.25 0.00	21.21 0.27 0.00	21.42 0.22 0.00	21.53 0.80 0.00	21.70 1.00 0.00	18.69 0.67 0.00	21.04 0.76 0.00
FALCON____SEABRD_CC2 323797	14.69 0.24 0.00	15.94 0.21 0.00	16.42 0.35 0.00	16.06 0.38 0.00	17.08 0.59 0.00	18.50 0.68 0.00	16.93 0.72 0.00	18.87 0.80 0.00	20.32 1.07 0.00	18.84 0.90 0.00	20.90 0.92 0.00	22.21 1.01 0.00	21.70 0.86 0.00	22.86 0.86 0.00	19.62 0.71 0.00	19.84 0.67 0.00	19.47 0.49 0.00	22.13 0.25 0.00	21.21 0.27 0.00	21.42 0.22 0.00	21.53 0.80 0.00	21.70 1.00 0.00	18.69 0.67 0.00	21.04 0.76 0.00
FAR ROCKAWAY____4 23548	34.80 1.10 -19.24	20.64 1.13 -3.79	19.65 1.09 -2.48	17.13 1.11 -0.35	19.41 1.12 -1.80	21.25 1.17 -2.26	27.11 1.12 -9.78	33.54 1.36 -14.11	33.05 1.45 -12.35	65.29 1.37 -45.99	39.17 1.46 -17.74	29.78 1.63 -6.95	25.56 1.71 -3.02	27.01 1.92 -3.09	29.87 1.61 -9.35	321.41 1.63 -300.62	25.68 1.54 -5.16	23.63 1.76 0.00	43.00 1.81 -20.26	30.79 1.74 -7.85	30.03 1.58 -7.72	33.38 1.58 -11.09	22.29 1.39 -2.89	22.25 1.32 -0.66
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	15.23 0.78 0.00	16.50 0.77 0.00	16.80 0.73 0.00	16.44 0.76 0.00	17.24 0.75 0.00	18.58 0.76 0.00	16.96 0.75 0.00	19.67 0.95 -0.66	20.26 1.02 0.00	18.99 0.97 -0.08	21.04 1.07 0.00	22.43 1.22 0.00	22.18 1.35 0.00	23.54 1.54 0.00	20.20 1.29 0.00	20.52 1.35 0.00	20.37 1.39 0.00	23.47 1.59 0.00	22.38 1.44 0.00	22.50 1.30 0.00	21.87 1.13 0.00	21.82 1.11 0.00	18.96 0.94 0.00	21.14 0.87 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	15.24 0.79 0.00	16.51 0.78 0.00	16.81 0.74 0.00	16.45 0.77 0.00	17.25 0.76 0.00	18.59 0.77 0.00	16.97 0.76 0.00	19.69 0.96 -0.66	20.27 1.03 0.00	19.00 0.98 -0.08	21.05 1.08 0.00	22.44 1.23 0.00	22.19 1.36 0.00	23.55 1.55 0.00	20.21 1.30 0.00	20.53 1.37 0.00	20.39 1.40 0.00	23.48 1.61 0.00	22.39 1.45 0.00	22.51 1.31 0.00	21.89 1.15 0.00	21.84 1.13 0.00	18.97 0.95 0.00	21.16 0.88 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	15.23 0.77 0.00	16.49 0.77 0.00	16.80 0.72 0.00	16.44 0.76 0.00	17.24 0.75 0.00	18.58 0.76 0.00	16.96 0.75 0.00	19.67 0.94 -0.66	20.26 1.02 0.00	18.99 0.97 -0.08	21.04 1.06 0.00	22.42 1.22 0.00	22.18 1.35 0.00	23.54 1.54 0.00	20.19 1.29 0.00	20.52 1.35 0.00	20.37 1.39 0.00	23.46 1.59 0.00	22.37 1.43 0.00	22.49 1.29 0.00	21.87 1.13 0.00	21.81 1.11 0.00	18.95 0.94 0.00	21.14 0.86 0.00

FARRAGUT____LBMP 323566	15.22 0.76 0.00	16.49 0.76 0.00	16.79 0.72 0.00	16.42 0.75 0.00	17.23 0.73 0.00	18.56 0.74 0.00	16.95 0.73 0.00	19.65 0.92 -0.66	20.24 1.00 0.00	18.97 0.95 -0.08	21.02 1.04 0.00	22.40 1.19 0.00	22.16 1.33 0.00	23.51 1.51 0.00	20.17 1.27 0.00	20.50 1.33 0.00	20.35 1.37 0.00	23.44 1.56 0.00	22.35 1.41 0.00	22.47 1.27 0.00	21.85 1.11 0.00	21.80 1.09 0.00	18.94 0.92 0.00	21.12 0.85 0.00
FENNER____WINDPWR 24204	14.63 0.17 0.00	15.93 0.20 0.00	16.26 0.19 0.00	15.87 0.19 0.00	16.73 0.24 0.00	18.10 0.28 0.00	16.44 0.23 0.00	18.34 0.27 0.00	19.53 0.29 0.00	18.24 0.30 0.00	20.35 0.37 0.00	21.60 0.39 0.00	21.18 0.35 0.00	22.37 0.37 0.00	19.21 0.31 0.00	19.35 0.19 0.00	19.11 0.13 0.00	22.05 0.17 0.00	21.17 0.23 0.00	21.53 0.33 0.00	21.06 0.33 0.00	21.04 0.34 0.00	18.27 0.25 0.00	20.56 0.29 0.00
FIBERTEK____ENERGY 23856	14.41 -0.04 0.00	15.68 -0.05 0.00	16.02 -0.05 0.00	15.62 -0.05 0.00	16.47 -0.02 0.00	17.78 -0.04 0.00	16.16 -0.05 0.00	17.99 -0.08 0.00	19.18 -0.06 0.00	17.90 -0.03 0.00	19.94 -0.04 0.00	21.14 -0.07 0.00	20.74 -0.09 0.00	21.86 -0.14 0.00	18.81 -0.10 0.00	19.07 -0.10 0.00	18.87 -0.11 0.00	21.76 -0.12 0.00	20.87 -0.07 0.00	21.15 -0.05 0.00	20.66 -0.08 0.00	20.62 -0.09 0.00	17.94 -0.08 0.00	20.26 -0.02 0.00
FITZPATRICK____ 23598	14.09 -0.37 0.00	15.34 -0.39 0.00	15.67 -0.40 0.00	15.28 -0.39 0.00	16.09 -0.40 0.00	17.40 -0.42 0.00	15.78 -0.43 0.00	17.54 -0.53 0.00	18.69 -0.55 0.00	17.44 -0.49 0.00	19.43 -0.54 0.00	20.60 -0.61 0.00	20.22 -0.62 0.00	21.32 -0.68 0.00	18.33 -0.58 0.00	18.57 -0.60 0.00	18.38 -0.60 0.00	21.21 -0.67 0.00	20.32 -0.62 0.00	20.59 -0.61 0.00	20.13 -0.61 0.00	20.09 -0.61 0.00	17.50 -0.52 0.00	19.78 -0.49 0.00
FLOWFLD_69_KV_BK1 356044	34.80 1.10 -19.24	20.60 1.09 -3.79	19.65 1.10 -2.48	17.12 1.10 -0.35	19.44 1.15 -1.80	21.20 1.12 -2.26	27.11 1.11 -9.78	33.52 1.34 -14.11	33.03 1.43 -12.35	65.21 1.29 -45.99	39.03 1.31 -17.74	29.68 1.53 -6.95	25.41 1.56 -3.02	26.78 1.69 -3.09	29.66 1.41 -9.35	317.95 1.56 -297.22	25.79 1.64 -5.16	23.63 1.75 0.00	42.76 1.65 -20.18	30.82 1.76 -7.85	30.06 1.61 -7.72	33.34 1.55 -11.09	22.28 1.38 -2.89	22.25 1.32 -0.66
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	15.24 0.78 0.00	16.51 0.78 0.00	16.82 0.74 0.00	16.44 0.77 0.00	17.26 0.77 0.00	18.61 0.79 0.00	17.00 0.78 0.00	19.14 0.98 -0.09	20.29 1.05 0.00	18.90 0.96 -0.01	21.02 1.04 0.00	22.40 1.20 0.00	22.10 1.27 0.00	23.43 1.43 0.00	20.12 1.22 0.00	20.44 1.27 0.00	20.31 1.33 0.00	23.43 1.55 0.00	22.35 1.42 0.00	22.50 1.30 0.00	21.90 1.16 0.00	21.85 1.14 0.00	18.98 0.96 0.00	21.20 0.92 0.00
FORT ORANGE____ 23900	14.85 0.39 0.00	16.07 0.35 0.00	16.38 0.31 0.00	16.01 0.34 0.00	16.81 0.31 0.00	18.12 0.29 0.00	16.54 0.33 0.00	18.57 0.37 -0.13	19.54 0.30 0.00	18.14 0.19 -0.02	20.23 0.25 0.00	21.57 0.36 0.00	21.18 0.34 0.00	22.40 0.40 0.00	19.22 0.32 0.00	19.57 0.40 0.00	19.51 0.52 0.00	22.48 0.60 0.00	21.46 0.52 0.00	21.72 0.52 0.00	21.16 0.43 0.00	21.14 0.44 0.00	18.41 0.39 0.00	20.58 0.31 0.00
FORT_DRUM_COGEN 23780	14.55 0.10 0.00	16.13 0.40 0.00	16.49 0.42 0.00	16.02 0.34 0.00	16.94 0.45 0.00	18.37 0.55 0.00	16.78 0.57 0.00	18.71 0.64 0.00	19.92 0.68 0.00	18.59 0.65 0.00	20.72 0.74 0.00	21.92 0.71 0.00	21.22 0.38 0.00	21.95 -0.05 0.00	18.77 -0.13 0.00	19.05 -0.12 0.00	18.49 -0.49 0.00	21.33 -0.55 0.00	20.85 -0.09 0.00	21.89 0.68 0.00	21.57 0.83 0.00	21.52 0.81 0.00	18.61 0.59 0.00	20.78 0.50 0.00
FPL_FAR_ROCK_GT1 24212	34.80 1.10 -19.24	20.64 1.13 -3.79	19.65 1.10 -2.48	17.13 1.11 -0.35	19.41 1.12 -1.80	21.25 1.17 -2.26	27.11 1.12 -9.78	33.54 1.36 -14.11	33.05 1.45 -12.35	65.29 1.37 -45.99	39.18 1.45 -17.74	29.78 1.63 -6.95	25.56 1.71 -3.02	27.01 1.92 -3.09	29.87 1.61 -9.35	321.42 1.63 -300.62	25.69 1.54 -5.16	23.63 1.76 0.00	43.00 1.81 -20.26	30.79 1.73 -7.85	30.03 1.58 -7.72	33.38 1.58 -11.09	22.29 1.39 -2.89	22.25 1.32 -0.66
FPL_FAR_ROCK_GT2 23815	34.80 1.10 -19.24	20.64 1.13 -3.79	19.65 1.10 -2.48	17.13 1.11 -0.35	19.41 1.12 -1.80	21.25 1.17 -2.26	27.11 1.12 -9.78	33.54 1.36 -14.11	33.05 1.45 -12.35	65.29 1.37 -45.99	39.18 1.45 -17.74	29.78 1.63 -6.95	25.56 1.71 -3.02	27.01 1.92 -3.09	29.87 1.61 -9.35	321.42 1.63 -300.62	25.69 1.54 -5.16	23.63 1.76 0.00	43.00 1.81 -20.26	30.79 1.73 -7.85	30.03 1.58 -7.72	33.38 1.58 -11.09	22.29 1.39 -2.89	22.25 1.32 -0.66
FRANKLIN_FALL_HYD 24054	14.63 0.18 0.00	15.91 0.18 0.00	16.38 0.31 0.00	16.00 0.33 0.00	16.97 0.48 0.00	18.41 0.59 0.00	16.82 0.61 0.00	18.79 0.72 0.00	20.15 0.91 0.00	18.75 0.81 0.00	20.84 0.86 0.00	22.08 0.88 0.00	21.61 0.78 0.00	22.74 0.74 0.00	19.51 0.61 0.00	19.69 0.53 0.00	19.28 0.29 0.00	21.99 0.11 0.00	21.09 0.15 0.00	21.36 0.16 0.00	21.46 0.72 0.00	21.53 0.83 0.00	18.58 0.56 0.00	20.92 0.64 0.00
FREEPORT_EQUS_GT1 23764	34.72 1.03 -19.24	20.54 1.03 -3.79	19.56 1.01 -2.48	17.04 1.01 -0.35	19.33 1.04 -1.80	21.14 1.06 -2.26	27.03 1.04 -9.78	33.45 1.27 -14.11	32.95 1.35 -12.35	65.17 1.25 -45.99	38.96 1.24 -17.74	29.63 1.47 -6.95	25.39 1.55 -3.02	26.81 1.72 -3.09	29.69 1.43 -9.35	281.58 1.48 -260.93	25.73 1.58 -5.16	23.66 1.78 0.00	41.92 1.65 -19.33	30.66 1.60 -7.85	29.90 1.45 -7.72	33.26 1.46 -11.09	22.20 1.30 -2.89	22.16 1.22 -0.66
FREEPORT____CT2 23818	34.72 1.03 -19.24	20.54 1.03 -3.79	19.56 1.01 -2.48	17.04 1.01 -0.35	19.33 1.04 -1.80	21.14 1.06 -2.26	27.03 1.04 -9.78	33.45 1.27 -14.11	32.95 1.35 -12.35	65.17 1.25 -45.99	38.96 1.24 -17.74	29.63 1.47 -6.95	25.39 1.55 -3.02	26.81 1.72 -3.09	29.69 1.43 -9.35	281.58 1.48 -260.93	25.73 1.58 -5.16	23.66 1.78 0.00	41.92 1.65 -19.33	30.66 1.60 -7.85	29.90 1.45 -7.72	33.26 1.46 -11.09	22.20 1.30 -2.89	22.16 1.22 -0.66
FRESHKLS_33_KV_LOAD 356253	15.25 0.80 0.00	16.55 0.82 0.00	16.87 0.80 0.00	16.49 0.82 0.00	17.33 0.84 0.00	18.67 0.85 0.00	17.05 0.84 0.00	19.69 0.96 -0.66	20.25 1.01 0.00	18.98 0.96 -0.08	21.00 1.03 0.00	22.38 1.17 0.00	22.13 1.30 0.00	23.47 1.47 0.00	20.15 1.25 0.00	20.53 1.35 0.00	20.35 1.37 0.00	23.47 1.59 0.00	22.38 1.44 0.00	22.51 1.31 0.00	21.91 1.16 -0.01	21.87 1.16 -0.01	19.00 0.98 0.00	21.20 0.92 0.00
FULTON COGEN____ 23766	14.25 -0.20 0.00	15.52 -0.21 0.00	15.85 -0.22 0.00	15.46 -0.22 0.00	16.29 -0.21 0.00	17.60 -0.22 0.00	15.98 -0.23 0.00	17.76 -0.30 0.00	18.93 -0.31 0.00	17.67 -0.26 0.00	19.69 -0.28 0.00	20.88 -0.33 0.00	20.49 -0.34 0.00	21.58 -0.42 0.00	18.55 -0.36 0.00	18.80 -0.36 0.00	18.62 -0.37 0.00	21.47 -0.41 0.00	20.59 -0.34 0.00	20.88 -0.32 0.00	20.41 -0.32 0.00	20.37 -0.33 0.00	17.74 -0.28 0.00	20.05 -0.23 0.00

FULTON___LFGE 323630	15.80 1.34 0.00	17.26 1.53 0.00	17.57 1.50 0.00	17.16 1.48 0.00	18.03 1.53 0.00	19.67 1.85 0.00	17.81 1.59 0.00	19.94 1.77 -0.10	21.25 2.01 0.00	19.92 1.97 -0.01	22.40 2.43 0.00	23.60 2.39 0.00	22.84 2.01 0.00	24.58 2.58 0.00	20.95 2.04 0.00	20.95 1.78 0.00	20.56 1.58 0.00	23.90 2.02 0.00	23.03 2.10 0.00	23.26 2.06 0.00	22.82 2.09 0.00	22.80 2.10 0.00	19.72 1.71 0.00	22.16 1.89 0.00
G.F.CEMENT___DRP 24184	15.56 1.11 0.00	16.90 1.17 0.00	17.22 1.15 0.00	16.81 1.14 0.00	17.70 1.20 0.00	19.14 1.32 0.00	17.53 1.32 0.00	19.62 1.42 -0.13	20.64 1.39 0.00	19.19 1.24 -0.02	21.36 1.38 0.00	22.76 1.55 0.00	22.17 1.34 0.00	23.57 1.57 0.00	20.17 1.26 0.00	20.42 1.25 0.00	20.36 1.38 0.00	23.77 1.89 0.00	22.75 1.82 0.00	22.95 1.75 0.00	22.42 1.68 0.00	22.43 1.73 0.00	19.50 1.48 0.00	21.80 1.53 0.00
GARDENVILLE___LBMP 24039	14.14 -0.31 0.00	15.44 -0.28 0.00	15.86 -0.21 0.00	15.41 -0.27 0.00	16.28 -0.21 0.00	17.74 -0.08 0.00	16.03 -0.18 0.00	17.89 -0.18 0.00	19.11 -0.14 0.00	17.97 0.04 0.00	19.95 -0.02 0.00	20.86 -0.34 0.00	20.34 -0.50 0.00	21.23 -0.77 0.00	18.23 -0.63 0.05	17.95 -0.62 0.60	17.45 -0.64 0.90	21.04 -0.84 0.00	20.22 -0.72 0.00	20.49 -0.71 0.00	20.00 -0.74 0.00	19.93 -0.77 0.00	17.54 -0.48 0.00	20.01 -0.27 0.00
GARDNVLA_35_KV_LD 355827	14.18 -0.27 0.00	15.49 -0.24 0.00	15.89 -0.18 0.00	15.44 -0.24 0.00	16.32 -0.17 0.00	17.78 -0.04 0.00	16.07 -0.14 0.00	17.93 -0.13 0.00	19.16 -0.08 0.00	18.03 0.10 0.00	20.02 0.05 0.00	20.94 -0.26 0.00	20.43 -0.40 0.00	21.33 -0.67 0.00	18.35 -0.54 0.02	18.45 -0.53 0.18	18.15 -0.56 0.28	21.13 -0.74 0.00	20.31 -0.63 0.00	20.58 -0.62 0.00	20.08 -0.66 0.00	20.02 -0.69 0.00	17.61 -0.41 0.00	20.08 -0.20 0.00
GELCKHM___115KV_LOAD 80723	14.32 -0.13 0.00	15.58 -0.14 0.00	15.92 -0.15 0.00	15.52 -0.15 0.00	16.36 -0.13 0.00	17.68 -0.15 0.00	16.06 -0.16 0.00	17.87 -0.20 0.00	19.05 -0.19 0.00	17.78 -0.15 0.00	19.79 -0.18 0.00	20.99 -0.21 0.00	20.60 -0.23 0.00	21.71 -0.29 0.00	18.67 -0.24 0.00	18.93 -0.24 0.00	18.74 -0.25 0.00	21.60 -0.27 0.00	20.72 -0.22 0.00	20.99 -0.20 0.00	20.51 -0.22 0.00	20.47 -0.23 0.00	17.82 -0.20 0.00	20.13 -0.14 0.00
GENERAL___MILLS 23808	14.16 -0.30 0.00	15.47 -0.26 0.00	15.88 -0.19 0.00	15.42 -0.25 0.00	16.30 -0.19 0.00	17.77 -0.06 0.00	16.05 -0.16 0.00	17.91 -0.15 0.00	19.14 -0.10 0.00	18.00 0.07 0.00	19.99 0.02 0.00	20.91 -0.30 0.00	20.38 -0.45 0.00	21.28 -0.72 0.00	18.28 -0.59 0.05	18.03 -0.58 0.56	17.54 -0.60 0.84	21.08 -0.80 0.00	20.26 -0.68 0.00	20.53 -0.67 0.00	20.04 -0.70 0.00	19.97 -0.73 0.00	17.57 -0.44 0.00	20.04 -0.24 0.00
GE_PLASTICS___DRP 24183	14.82 0.37 0.00	16.06 0.34 0.00	16.39 0.31 0.00	16.01 0.34 0.00	16.81 0.31 0.00	18.11 0.29 0.00	16.52 0.31 0.00	18.55 0.36 -0.13	19.55 0.30 0.00	18.16 0.21 -0.02	20.24 0.26 0.00	21.58 0.37 0.00	21.19 0.36 0.00	22.42 0.42 0.00	19.25 0.35 0.00	19.57 0.40 0.00	19.47 0.48 0.00	22.46 0.58 0.00	21.45 0.51 0.00	21.68 0.48 0.00	21.13 0.40 0.00	21.12 0.41 0.00	18.39 0.38 0.00	20.59 0.31 0.00
GILBOA___1 23756	14.82 0.37 0.00	16.15 0.42 0.00	16.47 0.40 0.00	16.09 0.41 0.00	16.90 0.40 0.00	18.16 0.35 0.00	16.55 0.34 0.00	18.48 0.41 0.00	19.65 0.41 0.00	18.29 0.36 0.00	20.37 0.39 0.00	21.69 0.48 0.00	21.32 0.48 0.00	22.55 0.56 0.00	19.41 0.50 0.00	19.69 0.53 0.00	19.55 0.57 0.00	22.55 0.67 0.00	21.55 0.61 0.00	21.76 0.56 0.00	21.22 0.48 0.00	21.20 0.50 0.00	18.46 0.45 0.00	20.69 0.42 0.00
GILBOA___2 23757	14.82 0.37 0.00	16.15 0.42 0.00	16.47 0.40 0.00	16.09 0.41 0.00	16.90 0.40 0.00	18.16 0.35 0.00	16.55 0.34 0.00	18.48 0.41 0.00	19.65 0.41 0.00	18.29 0.36 0.00	20.37 0.39 0.00	21.69 0.48 0.00	21.32 0.48 0.00	22.55 0.56 0.00	19.41 0.50 0.00	19.69 0.53 0.00	19.55 0.57 0.00	22.55 0.67 0.00	21.55 0.61 0.00	21.76 0.56 0.00	21.22 0.48 0.00	21.20 0.50 0.00	18.46 0.45 0.00	20.69 0.42 0.00
GILBOA___3 23758	14.82 0.37 0.00	16.15 0.42 0.00	16.47 0.40 0.00	16.09 0.41 0.00	16.90 0.40 0.00	18.16 0.35 0.00	16.55 0.34 0.00	18.48 0.41 0.00	19.65 0.41 0.00	18.29 0.36 0.00	20.37 0.39 0.00	21.69 0.48 0.00	21.32 0.48 0.00	22.55 0.56 0.00	19.41 0.50 0.00	19.69 0.53 0.00	19.55 0.57 0.00	22.55 0.67 0.00	21.55 0.61 0.00	21.76 0.56 0.00	21.22 0.48 0.00	21.20 0.50 0.00	18.46 0.45 0.00	20.69 0.42 0.00
GILBOA___4 23759	14.82 0.37 0.00	16.15 0.42 0.00	16.47 0.40 0.00	16.09 0.41 0.00	16.90 0.40 0.00	18.16 0.35 0.00	16.55 0.34 0.00	18.48 0.41 0.00	19.65 0.41 0.00	18.29 0.36 0.00	20.37 0.39 0.00	21.69 0.48 0.00	21.32 0.48 0.00	22.55 0.56 0.00	19.41 0.50 0.00	19.69 0.53 0.00	19.55 0.57 0.00	22.55 0.67 0.00	21.55 0.61 0.00	21.76 0.56 0.00	21.22 0.48 0.00	21.20 0.50 0.00	18.46 0.45 0.00	20.69 0.42 0.00
GILBOA___ 23599	14.83 0.37 0.00	16.15 0.42 0.00	16.47 0.40 0.00	16.09 0.41 0.00	16.90 0.40 0.00	18.17 0.35 0.00	16.55 0.34 0.00	18.48 0.41 0.00	19.65 0.41 0.00	18.29 0.36 0.00	20.37 0.39 0.00	21.69 0.48 0.00	21.32 0.49 0.00	22.56 0.56 0.00	19.41 0.50 0.00	19.70 0.53 0.00	19.55 0.57 0.00	22.55 0.67 0.00	21.55 0.61 0.00	21.77 0.57 0.00	21.22 0.48 0.00	21.20 0.50 0.00	18.47 0.45 0.00	20.69 0.42 0.00
GINNA___ 23603	13.62 -0.84 0.00	14.82 -0.91 0.00	15.16 -0.91 0.00	14.77 -0.91 0.00	15.57 -0.92 0.00	16.92 -0.90 0.00	15.35 -0.86 0.00	17.09 -0.98 0.00	18.23 -1.02 0.00	17.06 -0.88 0.00	19.00 -0.98 0.00	20.03 -1.17 0.00	19.58 -1.26 0.00	20.52 -1.48 0.00	17.66 -1.24 0.00	17.87 -1.29 0.00	17.70 -1.29 0.00	20.40 -1.48 0.00	19.60 -1.34 0.00	19.87 -1.33 0.00	19.41 -1.33 0.00	19.33 -1.38 0.00	16.88 -1.14 0.00	19.12 -1.16 0.00
GLEN PARK___ 23778	14.61 0.16 0.00	16.20 0.47 0.00	16.57 0.50 0.00	16.10 0.42 0.00	17.02 0.52 0.00	18.47 0.65 0.00	16.87 0.65 0.00	18.81 0.74 0.00	20.03 0.79 0.00	18.69 0.76 0.00	20.84 0.86 0.00	22.04 0.83 0.00	21.29 0.46 0.00	21.99 -0.01 0.00	18.81 -0.09 0.00	19.10 -0.07 0.00	18.54 -0.45 0.00	21.40 -0.48 0.00	20.99 0.06 0.00	22.01 0.81 0.00	21.70 0.96 0.00	21.63 0.93 0.00	18.69 0.68 0.00	20.87 0.60 0.00
GLENDALE_27_KV_LOAD 356172	15.30 0.84 0.00	16.57 0.84 0.00	16.87 0.79 0.00	16.49 0.82 0.00	17.29 0.80 0.00	18.63 0.81 0.00	17.04 0.82 0.00	19.76 1.03 -0.66	20.36 1.11 0.00	19.08 1.07 -0.08	21.14 1.16 0.00	22.53 1.33 0.00	22.29 1.46 0.00	23.65 1.65 0.00	20.30 1.40 0.00	20.63 1.46 0.00	20.48 1.49 0.00	23.58 1.70 0.00	22.48 1.54 0.00	22.61 1.41 0.00	21.97 1.23 0.00	21.92 1.21 0.00	19.05 1.03 0.00	21.22 0.95 0.00

GLENWOOD_IC_1_G5 23712	34.61 0.91 -19.24	20.42 0.91 -3.79	19.43 0.88 -2.48	16.92 0.90 -0.35	19.19 0.90 -1.80	21.00 0.92 -2.26	26.91 0.91 -9.78	33.30 1.12 -14.11	32.80 1.20 -12.35	65.05 1.12 -45.99	38.94 1.21 -17.74	29.48 1.33 -6.95	25.35 1.50 -3.02	26.77 1.69 -3.09	29.66 1.40 -9.35	309.20 1.47 -288.56	25.53 1.38 -5.16	23.44 1.56 0.00	42.33 1.42 -19.98	30.38 1.32 -7.85	29.63 1.18 -7.72	32.95 1.16 -11.09	21.91 1.01 -2.89	22.00 1.06 -0.66
GLENWOOD_IC_2_G1 23688	34.53 0.83 -19.24	20.34 0.83 -3.79	19.34 0.79 -2.48	16.83 0.81 -0.35	19.11 0.82 -1.80	20.91 0.83 -2.26	26.81 0.82 -9.78	33.20 1.02 -14.11	32.68 1.08 -12.35	64.93 1.02 -45.99	38.82 1.10 -17.74	29.42 1.27 -6.95	25.22 1.38 -3.02	26.64 1.55 -3.09	29.55 1.30 -9.35	317.76 1.37 -297.22	25.53 1.39 -5.16	23.45 1.57 0.00	42.56 1.44 -20.18	30.39 1.34 -7.85	29.64 1.19 -7.72	32.97 1.18 -11.09	21.91 1.01 -2.89	21.90 0.96 -0.66
GLENWOOD_IC_3_G1 23689	34.53 0.83 -19.24	20.34 0.83 -3.79	19.34 0.79 -2.48	16.83 0.81 -0.35	19.11 0.82 -1.80	20.91 0.83 -2.26	26.81 0.82 -9.78	33.20 1.02 -14.11	32.68 1.08 -12.35	64.93 1.02 -45.99	38.82 1.10 -17.74	29.42 1.27 -6.95	25.22 1.38 -3.02	26.64 1.55 -3.09	29.55 1.30 -9.35	317.76 1.37 -297.22	25.53 1.39 -5.16	23.45 1.57 0.00	42.56 1.44 -20.18	30.39 1.34 -7.85	29.64 1.19 -7.72	32.97 1.18 -11.09	21.91 1.01 -2.89	21.90 0.96 -0.66
GLENWOOD___4 23550	34.61 0.91 -19.24	20.42 0.91 -3.79	19.43 0.88 -2.48	16.92 0.90 -0.35	19.19 0.90 -1.80	21.00 0.92 -2.26	26.91 0.91 -9.78	33.30 1.12 -14.11	32.80 1.20 -12.35	65.05 1.12 -45.99	38.94 1.22 -17.74	29.51 1.35 -6.95	25.35 1.50 -3.02	26.77 1.69 -3.09	29.66 1.40 -9.35	309.21 1.48 -288.56	25.58 1.43 -5.16	23.49 1.62 0.00	42.39 1.48 -19.98	30.43 1.38 -7.85	29.68 1.23 -7.72	33.01 1.21 -11.09	21.95 1.05 -2.89	22.00 1.06 -0.66
GLENWOOD___5 23614	34.61 0.91 -19.24	20.42 0.91 -3.79	19.43 0.88 -2.48	16.92 0.90 -0.35	19.19 0.90 -1.80	21.00 0.92 -2.26	26.91 0.91 -9.78	33.30 1.12 -14.11	32.80 1.20 -12.35	65.05 1.12 -45.99	38.94 1.22 -17.74	29.51 1.35 -6.95	25.35 1.50 -3.02	26.77 1.69 -3.09	29.66 1.40 -9.35	309.21 1.48 -288.56	25.58 1.43 -5.16	23.49 1.62 0.00	42.39 1.48 -19.98	30.43 1.38 -7.85	29.68 1.23 -7.72	33.01 1.21 -11.09	21.95 1.05 -2.89	22.00 1.06 -0.66
GLOBAL GREEN_PORT_GT1 23814	35.05 1.36 -19.24	20.94 1.43 -3.79	20.03 1.47 -2.48	17.50 1.48 -0.35	19.86 1.57 -1.80	21.65 1.56 -2.26	27.48 1.48 -9.78	33.96 1.78 -14.11	33.51 1.91 -12.35	65.71 1.79 -45.99	39.54 1.83 -17.74	30.23 2.08 -6.95	25.91 2.06 -3.02	27.31 2.22 -3.09	30.10 1.84 -9.35	317.97 1.58 -297.22	26.00 1.86 -5.16	24.25 2.38 0.00	43.41 2.29 -20.18	31.41 2.36 -7.85	30.61 2.16 -7.72	33.84 2.04 -11.09	22.68 1.78 -2.89	22.64 1.71 -0.66
GLOBE___DSASP 323697	13.88 -0.58 0.00	15.17 -0.56 0.00	15.57 -0.50 0.00	15.11 -0.56 0.00	15.97 -0.52 0.00	17.43 -0.39 0.00	15.72 -0.49 0.00	17.34 -0.73 0.00	18.43 -0.82 0.00	17.28 -0.65 0.00	19.18 -0.79 0.00	20.05 -1.16 0.00	19.56 -1.28 0.00	20.39 -1.61 0.00	17.51 -1.34 0.06	17.09 -1.34 0.73	16.51 -1.38 1.09	20.13 -1.75 0.00	19.36 -1.58 0.00	19.58 -1.62 0.00	19.18 -1.56 0.00	19.08 -1.62 0.00	17.02 -0.99 0.00	19.51 -0.76 0.00
GOETHSLN___LBMP 323567	15.17 0.71 0.00	16.43 0.70 0.00	16.72 0.65 0.00	16.37 0.70 0.00	17.17 0.67 0.00	18.49 0.67 0.00	16.87 0.65 0.00	19.56 0.83 -0.66	20.13 0.89 0.00	18.88 0.86 -0.08	20.93 0.96 0.00	22.31 1.10 0.00	22.08 1.25 0.00	23.44 1.44 0.00	20.11 1.21 0.00	20.44 1.27 0.00	20.28 1.30 0.00	23.37 1.49 0.00	22.28 1.35 0.00	22.39 1.19 0.00	21.78 1.04 0.00	21.73 1.02 0.00	18.88 0.86 0.00	21.05 0.78 0.00
GOLAH___69_KV_TB 1_2 80279	14.40 -0.06 0.00	15.70 -0.03 0.00	16.07 0.00 0.00	15.65 -0.03 0.00	16.49 0.00 0.00	17.97 0.15 0.00	16.28 0.07 0.00	18.12 0.05 0.00	19.32 0.07 0.00	18.09 0.16 0.00	20.16 0.18 0.00	21.20 -0.01 0.00	20.71 -0.12 0.00	21.69 -0.31 0.00	18.64 -0.27 0.00	18.84 -0.33 0.00	18.62 -0.36 0.00	21.43 -0.45 0.00	20.61 -0.33 0.00	20.92 -0.28 0.00	20.44 -0.30 0.00	20.37 -0.34 0.00	17.82 -0.19 0.00	20.22 -0.06 0.00
GOODYEAR_LAKE_HYD 323669	14.94 0.49 0.00	16.26 0.53 0.00	16.61 0.53 0.00	16.19 0.52 0.00	17.07 0.58 0.00	18.45 0.62 0.00	16.81 0.60 0.00	18.79 0.72 0.00	20.07 0.83 0.00	18.73 0.79 0.00	20.84 0.87 0.00	22.08 0.88 0.00	21.72 0.88 0.00	22.94 0.94 0.00	19.73 0.83 0.00	20.00 0.83 0.00	19.76 0.78 0.00	22.75 0.87 0.00	21.76 0.83 0.00	22.02 0.82 0.00	21.56 0.82 0.00	21.54 0.84 0.00	18.70 0.69 0.00	21.02 0.75 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	14.52 0.06 0.00	15.82 0.09 0.00	16.17 0.10 0.00	15.78 0.10 0.00	16.61 0.12 0.00	17.95 0.13 0.00	16.30 0.09 0.00	18.26 0.19 0.00	19.49 0.25 0.00	18.21 0.27 0.00	20.24 0.27 0.00	21.46 0.25 0.00	21.09 0.26 0.00	22.25 0.26 0.00	19.17 0.25 -0.01	19.58 0.26 -0.14	19.42 0.22 -0.22	22.08 0.20 0.00	21.13 0.19 0.00	21.39 0.19 0.00	20.85 0.11 0.00	20.86 0.15 0.00	18.13 0.12 0.00	20.47 0.20 0.00
GOUDEY___7 23579	14.53 0.07 0.00	15.83 0.10 0.00	16.18 0.11 0.00	15.78 0.11 0.00	16.63 0.14 0.00	17.97 0.15 0.00	16.31 0.10 0.00	18.27 0.20 0.00	19.51 0.27 0.00	18.22 0.29 0.00	20.26 0.29 0.00	21.48 0.27 0.00	21.11 0.27 0.00	22.28 0.28 0.00	19.19 0.27 -0.01	19.59 0.28 -0.14	19.44 0.24 -0.22	22.10 0.22 0.00	21.15 0.21 0.00	21.41 0.20 0.00	20.87 0.13 0.00	20.87 0.17 0.00	18.15 0.13 0.00	20.49 0.21 0.00
GOUDEY___8 23580	14.52 0.06 0.00	15.82 0.09 0.00	16.17 0.10 0.00	15.78 0.10 0.00	16.61 0.12 0.00	17.95 0.13 0.00	16.30 0.09 0.00	18.26 0.19 0.00	19.49 0.25 0.00	18.21 0.27 0.00	20.24 0.27 0.00	21.46 0.25 0.00	21.09 0.26 0.00	22.25 0.26 0.00	19.17 0.25 -0.01	19.58 0.26 -0.14	19.42 0.22 -0.22	22.08 0.20 0.00	21.13 0.19 0.00	21.39 0.19 0.00	20.85 0.11 0.00	20.86 0.15 0.00	18.13 0.12 0.00	20.47 0.20 0.00
GOWANUS_GT1_1 24077	15.28 0.82 0.00	16.56 0.83 0.00	16.86 0.79 0.00	16.49 0.81 0.00	17.30 0.81 0.00	18.65 0.83 0.00	17.04 0.82 0.00	19.73 1.00 -0.66	20.31 1.07 0.00	19.04 1.03 -0.08	21.10 1.12 0.00	22.49 1.28 0.00	22.24 1.41 0.00	23.59 1.59 0.00	20.25 1.35 0.00	20.59 1.42 -0.01	20.43 1.45 0.00	23.55 1.67 0.00	22.44 1.50 0.00	22.58 1.38 0.00	21.96 1.22 -0.01	21.91 1.20 -0.01	19.04 1.02 0.00	21.22 0.94 0.00
GOWANUS_GT1_2 24078	15.28 0.82 0.00	16.56 0.83 0.00	16.86 0.79 0.00	16.49 0.81 0.00	17.30 0.81 0.00	18.65 0.83 0.00	17.04 0.82 0.00	19.73 1.00 -0.66	20.31 1.07 0.00	19.04 1.03 -0.08	21.10 1.12 0.00	22.49 1.28 0.00	22.24 1.41 0.00	23.59 1.59 0.00	20.25 1.35 0.00	20.59 1.42 -0.01	20.43 1.45 0.00	23.55 1.67 0.00	22.44 1.50 0.00	22.58 1.38 0.00	21.96 1.22 -0.01	21.91 1.20 -0.01	19.04 1.02 0.00	21.22 0.94 0.00

GOWANUS_GT1_3 24079	15.28 0.82 0.00	16.56 0.83 0.00	16.86 0.79 0.00	16.49 0.81 0.00	17.30 0.81 0.00	18.65 0.83 0.00	17.04 0.82 0.00	19.73 1.00 -0.66	20.31 1.07 0.00	19.04 1.03 -0.08	21.10 1.12 0.00	22.49 1.28 0.00	22.24 1.41 0.00	23.59 1.59 0.00	20.25 1.35 0.00	20.59 1.42 -0.01	20.43 1.45 0.00	23.55 1.67 0.00	22.44 1.50 0.00	22.58 1.38 0.00	21.96 1.22 -0.01	21.91 1.20 -0.01	19.04 1.02 0.00	21.22 0.94 0.00
GOWANUS_GT1_4 24080	15.28 0.82 0.00	16.56 0.83 0.00	16.86 0.79 0.00	16.49 0.81 0.00	17.30 0.81 0.00	18.65 0.83 0.00	17.04 0.82 0.00	19.73 1.00 -0.66	20.31 1.07 0.00	19.04 1.03 -0.08	21.10 1.12 0.00	22.49 1.28 0.00	22.24 1.41 0.00	23.59 1.59 0.00	20.25 1.35 0.00	20.59 1.42 -0.01	20.43 1.45 0.00	23.55 1.67 0.00	22.44 1.50 0.00	22.58 1.38 0.00	21.96 1.22 -0.01	21.91 1.20 -0.01	19.04 1.02 0.00	21.22 0.94 0.00
GOWANUS_GT1_5 24084	15.28 0.82 0.00	16.56 0.83 0.00	16.86 0.79 0.00	16.49 0.81 0.00	17.30 0.81 0.00	18.65 0.83 0.00	17.04 0.82 0.00	19.73 1.00 -0.66	20.31 1.07 0.00	19.04 1.03 -0.08	21.10 1.12 0.00	22.49 1.28 0.00	22.24 1.41 0.00	23.59 1.59 0.00	20.25 1.35 0.00	20.59 1.42 -0.01	20.43 1.45 0.00	23.55 1.67 0.00	22.44 1.50 0.00	22.58 1.38 0.00	21.96 1.22 -0.01	21.91 1.20 -0.01	19.04 1.02 0.00	21.22 0.94 0.00
GOWANUS_GT1_6 24111	15.28 0.82 0.00	16.56 0.83 0.00	16.86 0.79 0.00	16.49 0.81 0.00	17.30 0.81 0.00	18.65 0.83 0.00	17.04 0.82 0.00	19.73 1.00 -0.66	20.31 1.07 0.00	19.04 1.03 -0.08	21.10 1.12 0.00	22.49 1.28 0.00	22.24 1.41 0.00	23.59 1.59 0.00	20.25 1.35 0.00	20.59 1.42 -0.01	20.43 1.45 0.00	23.55 1.67 0.00	22.44 1.50 0.00	22.58 1.38 0.00	21.96 1.22 -0.01	21.91 1.20 -0.01	19.04 1.02 0.00	21.22 0.94 0.00
GOWANUS_GT1_7 24112	15.28 0.82 0.00	16.56 0.83 0.00	16.86 0.79 0.00	16.49 0.81 0.00	17.30 0.81 0.00	18.65 0.83 0.00	17.04 0.82 0.00	19.73 1.00 -0.66	20.31 1.07 0.00	19.04 1.03 -0.08	21.10 1.12 0.00	22.49 1.28 0.00	22.24 1.41 0.00	23.59 1.59 0.00	20.25 1.35 0.00	20.59 1.42 -0.01	20.43 1.45 0.00	23.55 1.67 0.00	22.44 1.50 0.00	22.58 1.38 0.00	21.96 1.22 -0.01	21.91 1.20 -0.01	19.04 1.02 0.00	21.22 0.94 0.00
GOWANUS_GT1_8 24113	15.28 0.82 0.00	16.56 0.83 0.00	16.86 0.79 0.00	16.49 0.81 0.00	17.30 0.81 0.00	18.65 0.83 0.00	17.04 0.82 0.00	19.73 1.00 -0.66	20.31 1.07 0.00	19.04 1.03 -0.08	21.10 1.12 0.00	22.49 1.28 0.00	22.24 1.41 0.00	23.59 1.59 0.00	20.25 1.35 0.00	20.59 1.42 -0.01	20.43 1.45 0.00	23.55 1.67 0.00	22.44 1.50 0.00	22.58 1.38 0.00	21.96 1.22 -0.01	21.91 1.20 -0.01	19.04 1.02 0.00	21.22 0.94 0.00
GOWANUS_GT2_1 24114	15.27 0.81 0.00	16.54 0.81 0.00	16.85 0.78 0.00	16.47 0.80 0.00	17.30 0.80 0.00	18.64 0.82 0.00	17.03 0.82 0.00	19.72 0.99 -0.66	20.30 1.06 0.00	19.04 1.02 -0.08	21.08 1.11 0.00	22.48 1.27 0.00	22.23 1.40 0.00	23.58 1.58 0.00	20.24 1.34 0.00	20.59 1.42 -0.01	20.43 1.44 0.00	23.53 1.65 0.00	22.43 1.49 0.00	22.56 1.36 0.00	21.95 1.20 -0.01	21.90 1.19 -0.01	19.03 1.01 0.00	21.21 0.93 0.00
GOWANUS_GT2_2 24115	15.27 0.81 0.00	16.54 0.81 0.00	16.85 0.78 0.00	16.47 0.80 0.00	17.30 0.80 0.00	18.64 0.82 0.00	17.03 0.82 0.00	19.72 0.99 -0.66	20.30 1.06 0.00	19.04 1.02 -0.08	21.08 1.11 0.00	22.48 1.27 0.00	22.23 1.40 0.00	23.58 1.58 0.00	20.24 1.34 0.00	20.59 1.42 -0.01	20.43 1.44 0.00	23.53 1.65 0.00	22.43 1.49 0.00	22.56 1.36 0.00	21.95 1.20 -0.01	21.90 1.19 -0.01	19.03 1.01 0.00	21.21 0.93 0.00
GOWANUS_GT2_3 24116	15.27 0.81 0.00	16.54 0.81 0.00	16.85 0.78 0.00	16.47 0.80 0.00	17.30 0.80 0.00	18.64 0.82 0.00	17.03 0.82 0.00	19.72 0.99 -0.66	20.30 1.06 0.00	19.04 1.02 -0.08	21.08 1.11 0.00	22.48 1.27 0.00	22.23 1.40 0.00	23.58 1.58 0.00	20.24 1.34 0.00	20.59 1.42 -0.01	20.43 1.44 0.00	23.53 1.65 0.00	22.43 1.49 0.00	22.56 1.36 0.00	21.95 1.20 -0.01	21.90 1.19 -0.01	19.03 1.01 0.00	21.21 0.93 0.00
GOWANUS_GT2_4 24117	15.27 0.81 0.00	16.54 0.81 0.00	16.85 0.78 0.00	16.47 0.80 0.00	17.30 0.80 0.00	18.64 0.82 0.00	17.03 0.82 0.00	19.72 0.99 -0.66	20.30 1.06 0.00	19.04 1.02 -0.08	21.08 1.11 0.00	22.48 1.27 0.00	22.23 1.40 0.00	23.58 1.58 0.00	20.24 1.34 0.00	20.59 1.42 -0.01	20.43 1.44 0.00	23.53 1.65 0.00	22.43 1.49 0.00	22.56 1.36 0.00	21.95 1.20 -0.01	21.90 1.19 -0.01	19.03 1.01 0.00	21.21 0.93 0.00
GOWANUS_GT2_5 24118	15.27 0.81 0.00	16.54 0.81 0.00	16.85 0.78 0.00	16.47 0.80 0.00	17.30 0.80 0.00	18.64 0.82 0.00	17.03 0.82 0.00	19.72 0.99 -0.66	20.30 1.06 0.00	19.04 1.02 -0.08	21.08 1.11 0.00	22.48 1.27 0.00	22.23 1.40 0.00	23.58 1.58 0.00	20.24 1.34 0.00	20.59 1.42 -0.01	20.43 1.44 0.00	23.53 1.65 0.00	22.43 1.49 0.00	22.56 1.36 0.00	21.95 1.20 -0.01	21.90 1.19 -0.01	19.03 1.01 0.00	21.21 0.93 0.00
GOWANUS_GT2_6 24119	15.27 0.81 0.00	16.54 0.81 0.00	16.85 0.78 0.00	16.47 0.80 0.00	17.30 0.80 0.00	18.64 0.82 0.00	17.03 0.82 0.00	19.72 0.99 -0.66	20.30 1.06 0.00	19.04 1.02 -0.08	21.08 1.11 0.00	22.48 1.27 0.00	22.23 1.40 0.00	23.58 1.58 0.00	20.24 1.34 0.00	20.59 1.42 -0.01	20.43 1.44 0.00	23.53 1.65 0.00	22.43 1.49 0.00	22.56 1.36 0.00	21.95 1.20 -0.01	21.90 1.19 -0.01	19.03 1.01 0.00	21.21 0.93 0.00
GOWANUS_GT2_7 24120	15.27 0.81 0.00	16.54 0.81 0.00	16.85 0.78 0.00	16.47 0.80 0.00	17.30 0.80 0.00	18.64 0.82 0.00	17.03 0.82 0.00	19.72 0.99 -0.66	20.30 1.06 0.00	19.04 1.02 -0.08	21.08 1.11 0.00	22.48 1.27 0.00	22.23 1.40 0.00	23.58 1.58 0.00	20.24 1.34 0.00	20.59 1.42 -0.01	20.43 1.44 0.00	23.53 1.65 0.00	22.43 1.49 0.00	22.56 1.36 0.00	21.95 1.20 -0.01	21.90 1.19 -0.01	19.03 1.01 0.00	21.21 0.93 0.00
GOWANUS_GT2_8 24121	15.27 0.81 0.00	16.54 0.81 0.00	16.85 0.78 0.00	16.47 0.80 0.00	17.30 0.80 0.00	18.64 0.82 0.00	17.03 0.82 0.00	19.72 0.99 -0.66	20.30 1.06 0.00	19.04 1.02 -0.08	21.08 1.11 0.00	22.48 1.27 0.00	22.23 1.40 0.00	23.58 1.58 0.00	20.24 1.34 0.00	20.59 1.42 -0.01	20.43 1.44 0.00	23.53 1.65 0.00	22.43 1.49 0.00	22.56 1.36 0.00	21.95 1.20 -0.01	21.90 1.19 -0.01	19.03 1.01 0.00	21.21 0.93 0.00
GOWANUS_GT3_1 24122	15.28 0.82 0.00	16.55 0.82 0.00	16.86 0.79 0.00	16.48 0.81 0.00	17.30 0.81 0.00	18.65 0.83 0.00	17.04 0.82 0.00	19.73 1.00 -0.66	20.31 1.07 0.00	19.05 1.03 -0.08	21.10 1.12 0.00	22.49 1.28 0.00	22.24 1.41 0.00	23.59 1.59 0.00	20.25 1.35 0.00	20.60 1.43 0.00	20.44 1.45 0.00	23.55 1.67 0.00	22.44 1.50 0.00	22.58 1.38 0.00	21.96 1.22 -0.01	21.91 1.20 -0.01	19.04 1.02 0.00	21.22 0.94 0.00

GOWANUS_GT3_2 24123	15.28 0.82 0.00	16.55 0.82 0.00	16.86 0.79 0.00	16.48 0.81 0.00	17.30 0.81 0.00	18.65 0.83 0.00	17.04 0.82 0.00	19.73 1.00 -0.66	20.31 1.07 0.00	19.05 1.03 -0.08	21.10 1.12 0.00	22.49 1.28 0.00	22.24 1.41 0.00	23.59 1.59 0.00	20.25 1.35 0.00	20.60 1.43 -0.01	20.44 1.45 0.00	23.55 1.67 0.00	22.44 1.50 0.00	22.58 1.38 0.00	21.96 1.22 -0.01	21.91 1.20 -0.01	19.04 1.02 0.00	21.22 0.94 0.00
GOWANUS_GT3_3 24124	15.28 0.82 0.00	16.55 0.82 0.00	16.86 0.79 0.00	16.48 0.81 0.00	17.30 0.81 0.00	18.65 0.83 0.00	17.04 0.82 0.00	19.73 1.00 -0.66	20.31 1.07 0.00	19.05 1.03 -0.08	21.10 1.12 0.00	22.49 1.28 0.00	22.24 1.41 0.00	23.59 1.59 0.00	20.25 1.35 0.00	20.60 1.43 -0.01	20.44 1.45 0.00	23.55 1.67 0.00	22.44 1.50 0.00	22.58 1.38 0.00	21.96 1.22 -0.01	21.91 1.20 -0.01	19.04 1.02 0.00	21.22 0.94 0.00
GOWANUS_GT3_4 24125	15.28 0.82 0.00	16.55 0.82 0.00	16.86 0.79 0.00	16.48 0.81 0.00	17.30 0.81 0.00	18.65 0.83 0.00	17.04 0.82 0.00	19.73 1.00 -0.66	20.31 1.07 0.00	19.05 1.03 -0.08	21.10 1.12 0.00	22.49 1.28 0.00	22.24 1.41 0.00	23.59 1.59 0.00	20.25 1.35 0.00	20.60 1.43 -0.01	20.44 1.45 0.00	23.55 1.67 0.00	22.44 1.50 0.00	22.58 1.38 0.00	21.96 1.22 -0.01	21.91 1.20 -0.01	19.04 1.02 0.00	21.22 0.94 0.00
GOWANUS_GT3_5 24126	15.28 0.82 0.00	16.55 0.82 0.00	16.86 0.79 0.00	16.48 0.81 0.00	17.30 0.81 0.00	18.65 0.83 0.00	17.04 0.82 0.00	19.73 1.00 -0.66	20.31 1.07 0.00	19.05 1.03 -0.08	21.10 1.12 0.00	22.49 1.28 0.00	22.24 1.41 0.00	23.59 1.59 0.00	20.25 1.35 0.00	20.60 1.43 -0.01	20.44 1.45 0.00	23.55 1.67 0.00	22.44 1.50 0.00	22.58 1.38 0.00	21.96 1.22 -0.01	21.91 1.20 -0.01	19.04 1.02 0.00	21.22 0.94 0.00
GOWANUS_GT3_6 24127	15.28 0.82 0.00	16.55 0.82 0.00	16.86 0.79 0.00	16.48 0.81 0.00	17.30 0.81 0.00	18.65 0.83 0.00	17.04 0.82 0.00	19.73 1.00 -0.66	20.31 1.07 0.00	19.05 1.03 -0.08	21.10 1.12 0.00	22.49 1.28 0.00	22.24 1.41 0.00	23.59 1.59 0.00	20.25 1.35 0.00	20.60 1.43 -0.01	20.44 1.45 0.00	23.55 1.67 0.00	22.44 1.50 0.00	22.58 1.38 0.00	21.96 1.22 -0.01	21.91 1.20 -0.01	19.04 1.02 0.00	21.22 0.94 0.00
GOWANUS_GT3_7 24128	15.28 0.82 0.00	16.55 0.82 0.00	16.86 0.79 0.00	16.48 0.81 0.00	17.30 0.81 0.00	18.65 0.83 0.00	17.04 0.82 0.00	19.73 1.00 -0.66	20.31 1.07 0.00	19.05 1.03 -0.08	21.10 1.12 0.00	22.49 1.28 0.00	22.24 1.41 0.00	23.59 1.59 0.00	20.25 1.35 0.00	20.60 1.43 -0.01	20.44 1.45 0.00	23.55 1.67 0.00	22.44 1.50 0.00	22.58 1.38 0.00	21.96 1.22 -0.01	21.91 1.20 -0.01	19.04 1.02 0.00	21.22 0.94 0.00
GOWANUS_GT3_8 24129	15.28 0.82 0.00	16.55 0.82 0.00	16.86 0.79 0.00	16.48 0.81 0.00	17.30 0.81 0.00	18.65 0.83 0.00	17.04 0.82 0.00	19.73 1.00 -0.66	20.31 1.07 0.00	19.05 1.03 -0.08	21.10 1.12 0.00	22.49 1.28 0.00	22.24 1.41 0.00	23.59 1.59 0.00	20.25 1.35 0.00	20.60 1.43 -0.01	20.44 1.45 0.00	23.55 1.67 0.00	22.44 1.50 0.00	22.58 1.38 0.00	21.96 1.22 -0.01	21.91 1.20 -0.01	19.04 1.02 0.00	21.22 0.94 0.00
GOWANUS_GT4_1 24130	15.27 0.81 0.00	16.55 0.82 0.00	16.86 0.78 0.00	16.48 0.81 0.00	17.30 0.81 0.00	18.64 0.82 0.00	17.03 0.82 0.00	19.72 0.99 -0.66	20.30 1.06 0.00	19.04 1.02 -0.08	21.09 1.11 0.00	22.48 1.27 0.00	22.23 1.40 0.00	23.58 1.58 0.00	20.25 1.34 0.00	20.58 1.41 -0.01	20.42 1.44 0.00	23.53 1.65 0.00	22.43 1.49 0.00	22.56 1.36 0.00	21.95 1.20 -0.01	21.90 1.19 -0.01	19.03 1.01 0.00	21.21 0.94 0.00
GOWANUS_GT4_2 24131	15.27 0.81 0.00	16.55 0.82 0.00	16.86 0.78 0.00	16.48 0.81 0.00	17.30 0.81 0.00	18.64 0.82 0.00	17.03 0.82 0.00	19.72 0.99 -0.66	20.30 1.06 0.00	19.04 1.02 -0.08	21.09 1.11 0.00	22.48 1.27 0.00	22.23 1.40 0.00	23.58 1.58 0.00	20.25 1.34 0.00	20.58 1.41 -0.01	20.42 1.44 0.00	23.53 1.65 0.00	22.43 1.49 0.00	22.56 1.36 0.00	21.95 1.20 -0.01	21.90 1.19 -0.01	19.03 1.01 0.00	21.21 0.94 0.00
GOWANUS_GT4_3 24132	15.27 0.81 0.00	16.55 0.82 0.00	16.86 0.78 0.00	16.48 0.81 0.00	17.30 0.81 0.00	18.64 0.82 0.00	17.03 0.82 0.00	19.72 0.99 -0.66	20.30 1.06 0.00	19.04 1.02 -0.08	21.09 1.11 0.00	22.48 1.27 0.00	22.23 1.40 0.00	23.58 1.58 0.00	20.25 1.34 0.00	20.58 1.41 -0.01	20.42 1.44 0.00	23.53 1.65 0.00	22.43 1.49 0.00	22.56 1.36 0.00	21.95 1.20 -0.01	21.90 1.19 -0.01	19.03 1.01 0.00	21.21 0.94 0.00
GOWANUS_GT4_4 24133	15.27 0.81 0.00	16.55 0.82 0.00	16.86 0.78 0.00	16.48 0.81 0.00	17.30 0.81 0.00	18.64 0.82 0.00	17.03 0.82 0.00	19.72 0.99 -0.66	20.30 1.06 0.00	19.04 1.02 -0.08	21.09 1.11 0.00	22.48 1.27 0.00	22.23 1.40 0.00	23.58 1.58 0.00	20.25 1.34 0.00	20.58 1.41 -0.01	20.42 1.44 0.00	23.53 1.65 0.00	22.43 1.49 0.00	22.56 1.36 0.00	21.95 1.20 -0.01	21.90 1.19 -0.01	19.03 1.01 0.00	21.21 0.94 0.00
GOWANUS_GT4_5 24134	15.27 0.81 0.00	16.55 0.82 0.00	16.86 0.78 0.00	16.48 0.81 0.00	17.30 0.81 0.00	18.64 0.82 0.00	17.03 0.82 0.00	19.72 0.99 -0.66	20.30 1.06 0.00	19.04 1.02 -0.08	21.09 1.11 0.00	22.48 1.27 0.00	22.23 1.40 0.00	23.58 1.58 0.00	20.25 1.34 0.00	20.58 1.41 -0.01	20.42 1.44 0.00	23.53 1.65 0.00	22.43 1.49 0.00	22.56 1.36 0.00	21.95 1.20 -0.01	21.90 1.19 -0.01	19.03 1.01 0.00	21.21 0.94 0.00
GOWANUS_GT4_6 24135	15.27 0.81 0.00	16.55 0.82 0.00	16.86 0.78 0.00	16.48 0.81 0.00	17.30 0.81 0.00	18.64 0.82 0.00	17.03 0.82 0.00	19.72 0.99 -0.66	20.30 1.06 0.00	19.04 1.02 -0.08	21.09 1.11 0.00	22.48 1.27 0.00	22.23 1.40 0.00	23.58 1.58 0.00	20.25 1.34 0.00	20.58 1.41 -0.01	20.42 1.44 0.00	23.53 1.65 0.00	22.43 1.49 0.00	22.56 1.36 0.00	21.95 1.20 -0.01	21.90 1.19 -0.01	19.03 1.01 0.00	21.21 0.94 0.00
GOWANUS_GT4_7 24136	15.27 0.81 0.00	16.55 0.82 0.00	16.86 0.78 0.00	16.48 0.81 0.00	17.30 0.81 0.00	18.64 0.82 0.00	17.03 0.82 0.00	19.72 0.99 -0.66	20.30 1.06 0.00	19.04 1.02 -0.08	21.09 1.11 0.00	22.48 1.27 0.00	22.23 1.40 0.00	23.58 1.58 0.00	20.25 1.34 0.00	20.58 1.41 -0.01	20.42 1.44 0.00	23.53 1.65 0.00	22.43 1.49 0.00	22.56 1.36 0.00	21.95 1.20 -0.01	21.90 1.19 -0.01	19.03 1.01 0.00	21.21 0.94 0.00
GOWANUS_GT4_8 24137	15.27 0.81 0.00	16.55 0.82 0.00	16.86 0.78 0.00	16.48 0.81 0.00	17.30 0.81 0.00	18.64 0.82 0.00	17.03 0.82 0.00	19.72 0.99 -0.66	20.30 1.06 0.00	19.04 1.02 -0.08	21.09 1.11 0.00	22.48 1.27 0.00	22.23 1.40 0.00	23.58 1.58 0.00	20.25 1.34 0.00	20.58 1.41 -0.01	20.42 1.44 0.00	23.53 1.65 0.00	22.43 1.49 0.00	22.56 1.36 0.00	21.95 1.20 -0.01	21.90 1.19 -0.01	19.03 1.01 0.00	21.21 0.94 0.00

GREENBSH_115KV_TB3 55895	14.79 0.33 0.00	16.00 0.27 0.00	16.31 0.23 0.00	15.93 0.26 0.00	16.73 0.23 0.00	18.03 0.20 0.00	16.45 0.24 0.00	18.46 0.27 -0.13	19.44 0.20 0.00	18.05 0.10 -0.02	20.12 0.15 0.00	21.47 0.27 0.00	21.07 0.24 0.00	22.30 0.30 0.00	19.14 0.24 0.00	19.45 0.29 0.00	19.38 0.40 0.00	22.35 0.47 0.00	21.35 0.41 0.00	21.59 0.39 0.00	21.03 0.30 0.00	21.02 0.31 0.00	18.30 0.29 0.00	20.47 0.20 0.00
GREENDGE_115KV_TB5 80291	14.36 -0.09 0.00	15.66 -0.07 0.00	16.03 -0.04 0.00	15.62 -0.06 0.00	16.45 -0.04 0.00	17.78 -0.04 0.00	16.16 -0.05 0.00	18.09 0.02 0.00	19.35 0.11 0.00	18.09 0.15 0.00	20.11 0.13 0.00	21.15 -0.06 0.00	20.66 -0.17 0.00	21.74 -0.26 0.00	18.83 -0.20 -0.12	20.46 -0.23 -1.52	21.03 -0.24 -2.28	21.62 -0.26 0.00	20.81 -0.12 0.00	21.23 0.03 0.00	20.73 -0.01 0.00	20.68 -0.02 0.00	17.98 -0.04 0.00	20.34 0.07 0.00
GREENIDGE___3 23582	14.36 -0.09 0.00	15.66 -0.07 0.00	16.03 -0.04 0.00	15.62 -0.06 0.00	16.45 -0.04 0.00	17.78 -0.04 0.00	16.16 -0.05 0.00	18.09 0.02 0.00	19.35 0.11 0.00	18.09 0.15 0.00	20.11 0.13 0.00	21.15 -0.06 0.00	20.66 -0.17 0.00	21.74 -0.26 0.00	18.83 -0.20 -0.12	20.46 -0.23 -1.52	21.03 -0.24 -2.28	21.62 -0.26 0.00	20.81 -0.12 0.00	21.23 0.03 0.00	20.73 -0.01 0.00	20.68 -0.02 0.00	17.98 -0.04 0.00	20.34 0.07 0.00
GREENIDGE___4 23583	14.38 -0.08 0.00	15.67 -0.06 0.00	16.04 -0.04 0.00	15.62 -0.05 0.00	16.45 -0.04 0.00	17.78 -0.04 0.00	16.16 -0.05 0.00	18.09 0.02 0.00	19.35 0.11 0.00	18.09 0.15 0.00	20.11 0.13 0.00	21.15 -0.06 0.00	20.66 -0.17 0.00	21.74 -0.26 0.00	18.83 -0.20 -0.12	20.45 -0.24 -1.52	21.02 -0.25 -2.28	21.62 -0.26 0.00	20.81 -0.12 0.00	21.23 0.03 0.00	20.73 -0.01 0.00	20.68 -0.02 0.00	17.98 -0.04 0.00	20.35 0.07 0.00
GREENLWN_69_KV_BK 3 55738	34.63 0.94 -19.24	20.45 0.94 -3.79	19.47 0.92 -2.48	16.95 0.93 -0.35	19.24 0.95 -1.80	21.04 0.95 -2.26	26.92 0.93 -9.78	33.29 1.11 -14.11	32.76 1.16 -12.35	64.96 1.04 -45.99	38.81 1.09 -17.74	29.49 1.34 -6.95	25.29 1.45 -3.02	26.69 1.60 -3.09	29.58 1.33 -9.35	317.78 1.38 -297.22	25.64 1.50 -5.16	23.54 1.66 0.00	42.64 1.52 -20.18	30.50 1.44 -7.85	29.76 1.31 -7.72	33.06 1.27 -11.09	22.08 1.17 -2.89	22.03 1.09 -0.66
GREENWD_138_KV_38B11_REV_LBMP_J 345004	15.28 0.82 0.00	16.56 0.83 0.00	16.86 0.79 0.00	16.49 0.81 0.00	17.30 0.81 0.00	18.65 0.83 0.00	17.04 0.82 0.00	19.73 1.00 -0.66	20.31 1.07 0.00	19.04 1.03 -0.08	21.10 1.12 0.00	22.49 1.28 0.00	22.24 1.41 0.00	23.59 1.59 0.00	20.25 1.35 0.00	20.59 1.42 -0.01	20.43 1.45 0.00	23.55 1.67 0.00	22.44 1.50 0.00	22.58 1.38 0.00	21.96 1.22 -0.01	21.91 1.20 -0.01	19.04 1.02 0.00	21.22 0.94 0.00
GRISSOM___SOLAR 323813	15.80 1.34 0.00	17.26 1.53 0.00	17.57 1.50 0.00	17.16 1.48 0.00	18.03 1.53 0.00	19.67 1.85 0.00	17.81 1.59 0.00	19.94 1.77 -0.10	21.25 2.01 0.00	19.92 1.97 -0.01	22.40 2.43 0.00	23.60 2.39 0.00	22.84 2.01 0.00	24.58 2.58 0.00	20.95 2.04 0.00	20.95 1.78 0.00	20.56 1.58 0.00	23.90 2.02 0.00	23.03 2.10 0.00	23.26 2.06 0.00	22.82 2.09 0.00	22.80 2.10 0.00	19.72 1.71 0.00	22.16 1.89 0.00
GROVEVILLE___HYD 323602	15.24 0.78 0.00	16.51 0.78 0.00	16.82 0.74 0.00	16.44 0.77 0.00	17.26 0.77 0.00	18.61 0.79 0.00	17.00 0.78 0.00	19.14 0.98 -0.09	20.29 1.05 0.00	18.90 0.96 -0.01	21.02 1.04 0.00	22.40 1.20 0.00	22.10 1.27 0.00	23.43 1.43 0.00	20.12 1.22 0.00	20.44 1.27 0.00	20.31 1.33 0.00	23.43 1.55 0.00	22.35 1.42 0.00	22.50 1.30 0.00	21.90 1.16 0.00	21.85 1.14 0.00	18.98 0.96 0.00	21.20 0.92 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	14.41 -0.04 0.00	15.68 -0.05 0.00	16.02 -0.05 0.00	15.62 -0.05 0.00	16.47 -0.02 0.00	17.78 -0.04 0.00	16.16 -0.05 0.00	17.99 -0.08 0.00	19.18 -0.06 0.00	17.90 -0.03 0.00	19.94 -0.04 0.00	21.14 -0.07 0.00	20.74 -0.09 0.00	21.86 -0.14 0.00	18.81 -0.10 0.00	19.07 -0.10 0.00	18.87 -0.11 0.00	21.76 -0.12 0.00	20.87 -0.07 0.00	21.15 -0.05 0.00	20.66 -0.08 0.00	20.62 -0.09 0.00	17.94 -0.08 0.00	20.26 -0.02 0.00
HAMLTNNY_34_KV_TB 80303	14.41 -0.04 0.00	15.68 -0.05 0.00	16.02 -0.05 0.00	15.61 -0.06 0.00	16.46 -0.03 0.00	17.80 -0.03 0.00	16.18 -0.03 0.00	18.02 -0.05 0.00	19.22 -0.03 0.00	17.93 0.00 0.00	19.95 -0.02 0.00	21.15 -0.06 0.00	20.76 -0.08 0.00	21.87 -0.12 0.00	18.82 -0.09 0.00	19.09 -0.07 0.00	18.91 -0.08 0.00	21.80 -0.08 0.00	20.90 -0.04 0.00	21.18 -0.02 0.00	20.69 -0.05 0.00	20.64 -0.06 0.00	17.96 -0.06 0.00	20.27 0.00 0.00
HAMPSHIRE___PAPER_HYD 323593	14.54 0.08 0.00	15.99 0.26 0.00	16.38 0.31 0.00	15.92 0.24 0.00	16.81 0.32 0.00	18.24 0.41 0.00	16.65 0.44 0.00	18.57 0.50 0.00	19.79 0.55 0.00	18.45 0.51 0.00	20.53 0.56 0.00	21.73 0.52 0.00	21.21 0.38 0.00	22.17 0.17 0.00	18.98 0.07 0.00	19.14 -0.02 0.00	18.64 -0.34 0.00	21.45 -0.43 0.00	20.71 -0.22 0.00	21.44 0.24 0.00	21.30 0.56 0.00	21.30 0.59 0.00	18.47 0.45 0.00	20.68 0.40 0.00
HARDSCRABBLE_WT_PWR 323673	14.43 -0.03 0.00	15.62 -0.10 0.00	15.82 -0.25 0.00	15.42 -0.26 0.00	16.26 -0.23 0.00	17.59 -0.23 0.00	15.93 -0.29 0.00	17.79 -0.27 0.00	18.98 -0.26 0.00	17.75 -0.18 0.00	19.79 -0.18 0.00	20.97 -0.23 0.00	20.57 -0.26 0.00	21.90 -0.10 0.00	18.83 -0.07 0.00	18.97 -0.20 0.00	18.85 -0.13 0.00	21.78 -0.10 0.00	20.62 -0.31 0.00	20.98 -0.22 0.00	20.54 -0.19 0.00	20.60 -0.10 0.00	17.85 -0.17 0.00	19.94 -0.33 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	15.10 0.64 0.00	16.37 0.65 0.00	16.67 0.60 0.00	16.31 0.64 0.00	17.10 0.61 0.00	18.46 0.64 0.00	16.80 0.58 0.00	18.09 0.75 0.73	20.07 0.83 0.00	18.61 0.77 0.09	20.84 0.86 0.00	22.21 1.01 0.00	21.95 1.12 0.00	23.30 1.30 0.00	20.01 1.10 0.00	20.30 1.13 0.00	20.15 1.17 0.00	23.23 1.35 0.00	22.15 1.21 0.00	22.28 1.08 0.00	21.69 0.95 0.00	21.64 0.94 0.00	18.80 0.79 0.00	21.02 0.75 0.00
HARSNRAD_115KV_TB1 81005	14.04 -0.42 0.00	15.32 -0.40 0.00	15.73 -0.34 0.00	15.27 -0.41 0.00	16.14 -0.35 0.00	17.61 -0.21 0.00	15.89 -0.32 0.00	17.66 -0.40 0.00	18.83 -0.42 0.00	17.72 -0.21 0.00	19.67 -0.30 0.00	20.57 -0.63 0.00	20.06 -0.78 0.00	20.92 -1.08 0.00	17.94 -0.89 0.08	17.32 -0.90 0.95	16.62 -0.94 1.42	20.68 -1.20 0.00	19.89 -1.04 0.00	20.16 -1.05 0.00	19.67 -1.07 0.00	19.57 -1.14 0.00	17.27 -0.74 0.00	19.72 -0.55 0.00
HARZA MOOSE___RIVER 24016	14.60 0.14 0.00	16.06 0.33 0.00	16.43 0.36 0.00	15.97 0.30 0.00	16.83 0.34 0.00	18.26 0.44 0.00	16.61 0.39 0.00	18.52 0.45 0.00	19.72 0.48 0.00	18.40 0.47 0.00	20.54 0.57 0.00	21.79 0.58 0.00	21.28 0.45 0.00	22.29 0.29 0.00	19.06 0.16 0.00	19.24 0.07 0.00	18.83 -0.15 0.00	21.73 -0.14 0.00	21.01 0.08 0.00	21.71 0.51 0.00	21.32 0.58 0.00	21.26 0.56 0.00	18.45 0.44 0.00	20.65 0.38 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	14.32 -0.14 0.00	15.59 -0.14 0.00	15.93 -0.14 0.00	15.53 -0.15 0.00	16.36 -0.13 0.00	17.69 -0.13 0.00	16.06 -0.16 0.00	17.87 -0.19 0.00	19.05 -0.19 0.00	17.79 -0.14 0.00	19.82 -0.16 0.00	21.02 -0.19 0.00	20.62 -0.21 0.00	21.75 -0.25 0.00	18.70 -0.21 0.00	18.95 -0.22 0.00	18.75 -0.24 0.00	21.61 -0.27 0.00	20.72 -0.22 0.00	20.99 -0.21 0.00	20.50 -0.24 0.00	20.46 -0.24 0.00	17.82 -0.20 0.00	20.12 -0.15 0.00
HELLGATE_13_KV_LD 55870	15.24 0.78 0.00	16.51 0.78 0.00	16.81 0.74 0.00	16.44 0.77 0.00	17.24 0.75 0.00	18.57 0.75 0.00	16.97 0.75 0.00	19.67 0.94 -0.66	20.26 1.02 0.00	18.99 0.97 -0.08	21.03 1.06 0.00	22.42 1.21 0.00	22.17 1.34 0.00	23.52 1.52 0.00	20.19 1.29 0.00	20.51 1.34 0.00	20.36 1.38 0.00	23.45 1.57 0.00	22.36 1.42 0.00	22.48 1.28 0.00	21.85 1.11 0.00	21.80 1.10 0.00	18.95 0.93 0.00	21.12 0.84 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	15.24 0.78 0.00	16.51 0.78 0.00	16.81 0.74 0.00	16.44 0.77 0.00	17.24 0.75 0.00	18.57 0.75 0.00	16.97 0.75 0.00	19.67 0.94 -0.66	20.26 1.02 0.00	18.99 0.97 -0.08	21.03 1.06 0.00	22.42 1.21 0.00	22.17 1.34 0.00	23.52 1.52 0.00	20.19 1.29 0.00	20.51 1.34 0.00	20.36 1.38 0.00	23.45 1.57 0.00	22.36 1.42 0.00	22.48 1.28 0.00	21.85 1.11 0.00	21.80 1.10 0.00	18.95 0.93 0.00	21.12 0.84 0.00
HEMPSTEAD____ 23647	34.61 0.90 -19.24	20.41 0.90 -3.79	19.42 0.87 -2.48	16.90 0.88 -0.35	19.20 0.91 -1.80	20.99 0.91 -2.26	26.91 0.91 -9.78	33.31 1.13 -14.11	32.80 1.20 -12.35	65.03 1.11 -45.99	38.88 1.16 -17.74	29.48 1.33 -6.95	25.28 1.43 -3.02	26.69 1.60 -3.09	29.58 1.33 -9.35	301.83 1.42 -281.24	25.59 1.45 -5.16	23.50 1.63 0.00	42.23 1.49 -19.81	30.47 1.42 -7.85	29.73 1.28 -7.72	33.07 1.27 -11.09	22.02 1.12 -2.89	22.00 1.07 -0.66
HEWLETT__69_KV_BK3 55828	34.75 1.06 -19.24	20.59 1.08 -3.79	19.59 1.04 -2.48	17.08 1.06 -0.35	19.35 1.06 -1.80	21.19 1.11 -2.26	27.05 1.05 -9.78	33.46 1.28 -14.11	32.97 1.37 -12.35	65.21 1.29 -45.99	39.09 1.37 -17.74	29.70 1.55 -6.95	25.47 1.62 -3.02	26.91 1.83 -3.09	29.78 1.52 -9.35	321.34 1.56 -300.62	25.67 1.53 -5.16	23.61 1.73 0.00	42.90 1.70 -20.26	30.69 1.63 -7.85	29.93 1.48 -7.72	33.28 1.48 -11.09	22.22 1.31 -2.89	22.18 1.24 -0.66
HICKLING___1 23621	14.46 0.00 0.00	15.74 0.02 0.00	16.14 0.07 0.00	15.72 0.05 0.00	16.59 0.10 0.00	17.93 0.11 0.00	16.33 0.11 0.00	18.36 0.29 0.00	19.69 0.45 0.00	18.45 0.52 0.00	20.50 0.53 0.00	21.69 0.48 0.00	21.27 0.44 0.00	22.40 0.40 0.00	19.36 0.41 -0.05	20.21 0.46 -0.58	20.15 0.29 -0.87	22.02 0.14 0.00	21.16 0.22 0.00	21.47 0.27 0.00	20.91 0.17 0.00	20.92 0.22 0.00	18.17 0.15 0.00	20.60 0.33 0.00
HICKLING___2 23622	14.46 0.00 0.00	15.74 0.02 0.00	16.14 0.07 0.00	15.72 0.05 0.00	16.59 0.10 0.00	17.93 0.11 0.00	16.33 0.11 0.00	18.36 0.29 0.00	19.69 0.45 0.00	18.45 0.52 0.00	20.50 0.53 0.00	21.69 0.48 0.00	21.27 0.44 0.00	22.40 0.40 0.00	19.36 0.41 -0.05	20.21 0.46 -0.58	20.15 0.29 -0.87	22.02 0.14 0.00	21.16 0.22 0.00	21.47 0.27 0.00	20.91 0.17 0.00	20.92 0.22 0.00	18.17 0.15 0.00	20.60 0.33 0.00
HIGH FALLS___HY 23754	15.07 0.61 0.00	16.35 0.62 0.00	16.64 0.57 0.00	16.26 0.59 0.00	17.08 0.59 0.00	18.44 0.62 0.00	16.80 0.58 0.00	18.86 0.79 0.00	20.13 0.89 0.00	18.74 0.81 0.00	20.81 0.83 0.00	22.12 0.91 0.00	21.81 0.98 0.00	23.24 1.25 0.00	19.97 1.07 0.00	20.26 1.09 0.00	20.15 1.17 0.00	23.27 1.39 0.00	22.18 1.25 0.00	22.29 1.09 0.00	21.71 0.97 0.00	21.67 0.96 0.00	18.81 0.80 0.00	21.02 0.75 0.00
HILLBURN___GT 23639	15.09 0.63 0.00	16.36 0.63 0.00	16.64 0.57 0.00	16.30 0.63 0.00	17.07 0.58 0.00	18.43 0.61 0.00	16.74 0.53 0.00	17.93 0.69 0.83	20.00 0.76 0.00	18.56 0.73 0.10	20.81 0.84 0.00	22.20 0.99 0.00	21.95 1.12 0.00	23.30 1.30 0.00	19.98 1.08 0.00	20.26 1.10 0.00	20.10 1.12 0.00	23.16 1.29 0.00	22.09 1.15 0.00	22.20 1.00 0.00	21.62 0.88 0.00	21.57 0.86 0.00	18.75 0.73 0.00	20.95 0.68 0.00
HILLSIDE_115KV_TB1 80332	14.28 -0.17 0.00	15.58 -0.15 0.00	15.95 -0.12 0.00	15.56 -0.11 0.00	16.39 -0.10 0.00	17.72 -0.10 0.00	16.07 -0.14 0.00	18.09 0.02 0.00	19.39 0.15 0.00	18.16 0.23 0.00	20.18 0.20 0.00	21.36 0.16 0.00	20.99 0.15 0.00	22.11 0.12 0.00	19.12 0.17 -0.04	19.88 0.19 -0.52	19.83 0.06 -0.78	21.79 -0.08 0.00	20.89 -0.05 0.00	21.15 -0.05 0.00	20.58 -0.16 0.00	20.63 -0.08 0.00	17.91 -0.10 0.00	20.30 0.03 0.00
HISHELDN_WT_PWR 323625	14.04 -0.41 0.00	15.35 -0.38 0.00	15.78 -0.29 0.00	15.34 -0.34 0.00	16.18 -0.31 0.00	17.62 -0.20 0.00	15.95 -0.27 0.00	17.84 -0.23 0.00	19.11 -0.13 0.00	17.94 0.01 0.00	19.89 -0.09 0.00	20.34 -0.50 0.36	-3.48 -0.78 23.54	-16.29 -1.05 37.24	-17.26 -0.87 35.29	-18.90 -0.88 37.18	2.68 -0.85 15.45	20.96 -0.92 0.00	20.21 -0.73 0.00	20.55 -0.65 0.00	20.05 -0.68 0.00	20.00 -0.71 0.00	17.55 -0.47 0.00	20.02 -0.25 0.00
HOLTSVILLE_IC_1 23690	34.69 0.99 -19.24	20.53 1.01 -3.79	19.57 1.02 -2.48	17.05 1.03 -0.35	19.36 1.07 -1.80	21.13 1.05 -2.26	27.01 1.02 -9.78	33.42 1.24 -14.11	32.92 1.32 -12.35	65.12 1.20 -45.99	38.92 1.20 -17.74	29.58 1.42 -6.95	25.30 1.46 -3.02	26.68 1.59 -3.09	29.56 1.31 -9.35	317.79 1.40 -297.22	25.66 1.51 -5.16	23.52 1.65 0.00	42.66 1.54 -20.18	30.64 1.59 -7.85	29.89 1.45 -7.72	33.19 1.39 -11.09	22.15 1.25 -2.89	22.12 1.18 -0.66
HOLTSVILLE_IC_10 23699	34.74 1.05 -19.24	20.58 1.07 -3.79	19.63 1.08 -2.48	17.10 1.08 -0.35	19.43 1.14 -1.80	21.19 1.11 -2.26	27.09 1.10 -9.78	33.52 1.34 -14.11	33.03 1.43 -12.35	65.20 1.28 -45.99	39.01 1.28 -17.74	29.67 1.51 -6.95	25.39 1.54 -3.02	26.75 1.67 -3.09	29.63 1.38 -9.35	317.91 1.52 -297.22	25.79 1.64 -5.16	23.66 1.78 0.00	42.78 1.67 -20.18	30.79 1.73 -7.85	30.03 1.58 -7.72	33.31 1.52 -11.09	22.26 1.36 -2.89	22.22 1.29 -0.66
HOLTSVILLE_IC_2 23691	34.69 0.99 -19.24	20.53 1.01 -3.79	19.57 1.02 -2.48	17.05 1.03 -0.35	19.36 1.07 -1.80	21.13 1.05 -2.26	27.01 1.02 -9.78	33.42 1.24 -14.11	32.92 1.32 -12.35	65.12 1.20 -45.99	38.92 1.20 -17.74	29.58 1.42 -6.95	25.30 1.46 -3.02	26.68 1.59 -3.09	29.56 1.31 -9.35	317.79 1.40 -297.22	25.66 1.51 -5.16	23.52 1.65 0.00	42.66 1.54 -20.18	30.64 1.59 -7.85	29.89 1.45 -7.72	33.19 1.39 -11.09	22.15 1.25 -2.89	22.12 1.18 -0.66
HOLTSVILLE_IC_3 23692	34.69 0.99 -19.24	20.53 1.01 -3.79	19.57 1.02 -2.48	17.05 1.03 -0.35	19.36 1.07 -1.80	21.13 1.05 -2.26	27.01 1.02 -9.78	33.42 1.24 -14.11	32.92 1.32 -12.35	65.12 1.20 -45.99	38.92 1.20 -17.74	29.58 1.42 -6.95	25.30 1.46 -3.02	26.68 1.59 -3.09	29.56 1.31 -9.35	317.79 1.40 -297.22	25.66 1.51 -5.16	23.52 1.65 0.00	42.66 1.54 -20.18	30.64 1.59 -7.85	29.89 1.45 -7.72	33.19 1.39 -11.09	22.15 1.25 -2.89	22.12 1.18 -0.66

HOLTSVILLE_IC_4 23693	34.69 0.99 -19.24	20.53 1.01 -3.79	19.57 1.02 -2.48	17.05 1.03 -0.35	19.36 1.07 -1.80	21.13 1.05 -2.26	27.01 1.02 -9.78	33.42 1.24 -14.11	32.92 1.32 -12.35	65.12 1.20 -45.99	38.92 1.20 -17.74	29.58 1.42 -6.95	25.30 1.46 -3.02	26.68 1.59 -3.09	29.56 1.31 -9.35	317.79 1.40 -297.22	25.66 1.51 -5.16	23.52 1.65 0.00	42.66 1.54 -20.18	30.64 1.59 -7.85	29.89 1.45 -7.72	33.19 1.39 -11.09	22.15 1.25 -2.89	22.12 1.18 -0.66
HOLTSVILLE_IC_5 23694	34.69 0.99 -19.24	20.53 1.01 -3.79	19.57 1.02 -2.48	17.05 1.03 -0.35	19.36 1.07 -1.80	21.13 1.05 -2.26	27.01 1.02 -9.78	33.42 1.24 -14.11	32.92 1.32 -12.35	65.12 1.20 -45.99	38.92 1.20 -17.74	29.58 1.42 -6.95	25.30 1.46 -3.02	26.68 1.59 -3.09	29.56 1.31 -9.35	317.79 1.40 -297.22	25.66 1.51 -5.16	23.52 1.65 0.00	42.66 1.54 -20.18	30.64 1.59 -7.85	29.89 1.45 -7.72	33.19 1.39 -11.09	22.15 1.25 -2.89	22.12 1.18 -0.66
HOLTSVILLE_IC_6 23695	34.74 1.05 -19.24	20.58 1.07 -3.79	19.63 1.08 -2.48	17.10 1.08 -0.35	19.43 1.14 -1.80	21.19 1.11 -2.26	27.09 1.10 -9.78	33.52 1.34 -14.11	33.03 1.43 -12.35	65.20 1.28 -45.99	39.01 1.28 -17.74	29.67 1.51 -6.95	25.39 1.54 -3.02	26.75 1.67 -3.09	29.63 1.38 -9.35	317.91 1.52 -297.22	25.79 1.64 -5.16	23.66 1.78 0.00	42.78 1.67 -20.18	30.79 1.73 -7.85	30.03 1.58 -7.72	33.31 1.52 -11.09	22.26 1.36 -2.89	22.22 1.29 -0.66
HOLTSVILLE_IC_7 23696	34.74 1.05 -19.24	20.58 1.07 -3.79	19.63 1.08 -2.48	17.10 1.08 -0.35	19.43 1.14 -1.80	21.19 1.11 -2.26	27.09 1.10 -9.78	33.52 1.34 -14.11	33.03 1.43 -12.35	65.20 1.28 -45.99	39.01 1.28 -17.74	29.67 1.51 -6.95	25.39 1.54 -3.02	26.75 1.67 -3.09	29.63 1.38 -9.35	317.91 1.52 -297.22	25.79 1.64 -5.16	23.66 1.78 0.00	42.78 1.67 -20.18	30.79 1.73 -7.85	30.03 1.58 -7.72	33.31 1.52 -11.09	22.26 1.36 -2.89	22.22 1.29 -0.66
HOLTSVILLE_IC_8 23697	34.74 1.05 -19.24	20.58 1.07 -3.79	19.63 1.08 -2.48	17.10 1.08 -0.35	19.43 1.14 -1.80	21.19 1.11 -2.26	27.09 1.10 -9.78	33.52 1.34 -14.11	33.03 1.43 -12.35	65.20 1.28 -45.99	39.01 1.28 -17.74	29.67 1.51 -6.95	25.39 1.54 -3.02	26.75 1.67 -3.09	29.63 1.38 -9.35	317.91 1.52 -297.22	25.79 1.64 -5.16	23.66 1.78 0.00	42.78 1.67 -20.18	30.79 1.73 -7.85	30.03 1.58 -7.72	33.31 1.52 -11.09	22.26 1.36 -2.89	22.22 1.29 -0.66
HOLTSVILLE_IC_9 23698	34.74 1.05 -19.24	20.58 1.07 -3.79	19.63 1.08 -2.48	17.10 1.08 -0.35	19.43 1.14 -1.80	21.19 1.11 -2.26	27.09 1.10 -9.78	33.52 1.34 -14.11	33.03 1.43 -12.35	65.20 1.28 -45.99	39.01 1.28 -17.74	29.67 1.51 -6.95	25.39 1.54 -3.02	26.75 1.67 -3.09	29.63 1.38 -9.35	317.91 1.52 -297.22	25.79 1.64 -5.16	23.66 1.78 0.00	42.78 1.67 -20.18	30.79 1.73 -7.85	30.03 1.58 -7.72	33.31 1.52 -11.09	22.26 1.36 -2.89	22.22 1.29 -0.66
HOMER_HL_115KV_TB2 355744	14.37 -0.09 0.00	15.74 0.01 0.00	16.18 0.11 0.00	15.78 0.11 0.00	16.63 0.13 0.00	18.04 0.22 0.00	16.30 0.08 0.00	18.40 0.34 0.00	19.75 0.51 0.00	18.52 0.59 0.00	20.54 0.56 0.00	21.55 0.35 0.00	21.04 0.21 0.00	21.98 -0.02 0.00	18.88 -0.04 -0.02	19.31 -0.04 -0.18	19.19 -0.07 -0.27	21.69 -0.18 0.00	20.80 -0.14 0.00	21.06 -0.14 0.00	20.50 -0.23 0.00	20.55 -0.15 0.00	17.93 -0.08 0.00	20.41 0.14 0.00
HOWARD_WT_PWR 323690	13.99 -0.46 0.00	15.25 -0.49 0.00	15.74 -0.33 0.00	15.29 -0.39 0.00	16.09 -0.41 0.00	17.51 -0.31 0.00	15.95 -0.26 0.00	18.01 -0.06 0.00	19.52 0.27 0.00	18.25 0.31 0.00	20.15 0.17 0.00	20.78 -0.42 0.00	19.70 -1.13 0.00	20.44 -1.55 0.00	17.84 -1.31 -0.25	20.98 -1.25 -3.07	22.59 -1.00 -4.61	21.10 -0.78 0.00	20.49 -0.45 0.00	21.01 -0.19 0.00	20.62 -0.11 0.00	20.59 -0.12 0.00	17.82 -0.20 0.00	20.24 -0.04 0.00
HQ_GEN_CEDARS 23644	14.48 0.03 0.00	15.81 0.08 0.00	16.20 0.13 0.00	15.78 0.11 0.00	16.63 0.14 0.00	18.03 0.21 0.00	16.42 0.21 0.00	18.31 0.24 0.00	19.53 0.29 0.00	18.22 0.29 0.00	20.29 0.31 0.00	21.48 0.27 0.00	21.09 0.25 0.00	22.22 0.23 0.00	19.09 0.18 0.00	19.27 0.10 0.00	18.97 -0.01 0.00	21.81 -0.07 0.00	20.88 -0.07 0.00	21.24 0.03 0.00	21.00 0.27 0.00	20.98 0.27 0.00	18.21 0.19 0.00	20.48 0.21 0.00
HQ_GEN_CEDARS_PROXY 323590	14.11 0.03 0.38	15.81 0.08 0.00	16.20 0.13 0.00	15.78 0.11 0.00	16.63 0.14 0.00	18.13 0.21 -0.10	16.42 0.21 0.00	18.31 0.24 0.00	19.53 0.29 0.00	18.22 0.29 0.00	20.29 0.31 0.00	21.48 0.27 0.00	21.09 0.25 0.00	22.22 0.23 0.00	19.09 0.18 0.00	19.27 0.11 0.00	18.98 -0.01 0.00	21.81 -0.07 0.00	20.88 -0.06 0.00	21.24 0.04 0.00	21.00 0.27 0.00	20.98 0.27 0.00	18.21 0.20 0.00	20.48 0.21 0.00
HQ_GEN_IMPORT 323601	14.12 -0.07 0.27	15.66 -0.06 0.00	16.03 -0.04 0.00	15.62 -0.05 0.00	16.45 -0.04 0.00	17.80 -0.03 0.00	16.20 -0.01 0.00	18.06 -0.01 0.00	19.24 0.00 0.00	17.94 0.00 0.00	19.98 0.00 0.00	21.18 -0.03 0.00	20.81 -0.02 0.00	21.96 -0.03 0.00	18.87 -0.03 0.00	19.12 -0.05 0.00	18.91 -0.08 0.00	21.75 -0.12 0.00	20.82 -0.12 0.00	21.11 -0.09 0.00	20.73 -0.01 0.00	20.69 -0.01 0.00	17.98 -0.03 0.00	20.24 -0.03 0.00
HQ_GEN_WHEEL 23651	14.12 -0.07 0.27	15.66 -0.06 0.00	16.03 -0.04 0.00	15.62 -0.05 0.00	16.45 -0.04 0.00	17.80 -0.03 0.00	16.20 -0.01 0.00	18.06 -0.01 0.00	19.24 0.00 0.00	17.94 0.00 0.00	19.98 0.00 0.00	21.18 -0.03 0.00	20.81 -0.02 0.00	21.96 -0.03 0.00	18.87 -0.03 0.00	19.12 -0.05 0.00	18.91 -0.08 0.00	21.75 -0.12 0.00	20.82 -0.12 0.00	21.11 -0.09 0.00	20.73 -0.01 0.00	20.69 -0.01 0.00	17.98 -0.03 0.00	20.24 -0.03 0.00
HUDSON_AVE_GT_3 23810	15.24 0.79 0.00	16.51 0.78 0.00	16.81 0.74 0.00	16.45 0.78 0.00	17.25 0.76 0.00	18.59 0.77 0.00	16.97 0.76 0.00	19.69 0.96 -0.66	20.28 1.03 0.00	19.00 0.99 -0.08	21.06 1.08 0.00	22.44 1.24 0.00	22.20 1.37 0.00	23.56 1.56 0.00	20.22 1.31 0.00	20.54 1.37 0.00	20.39 1.41 0.00	23.49 1.61 0.00	22.40 1.46 0.00	22.52 1.32 0.00	21.89 1.15 0.00	21.84 1.13 0.00	18.97 0.96 0.00	21.16 0.89 0.00
HUDSON_AVE_GT_4 23540	15.24 0.79 0.00	16.51 0.78 0.00	16.81 0.74 0.00	16.45 0.78 0.00	17.25 0.76 0.00	18.59 0.77 0.00	16.97 0.76 0.00	19.69 0.96 -0.66	20.28 1.03 0.00	19.00 0.99 -0.08	21.06 1.08 0.00	22.44 1.24 0.00	22.20 1.37 0.00	23.56 1.56 0.00	20.22 1.31 0.00	20.54 1.37 0.00	20.39 1.41 0.00	23.49 1.61 0.00	22.40 1.46 0.00	22.52 1.32 0.00	21.89 1.15 0.00	21.84 1.13 0.00	18.97 0.96 0.00	21.16 0.89 0.00
HUDSON_AVE_GT_5 23657	15.24 0.79 0.00	16.51 0.78 0.00	16.81 0.74 0.00	16.45 0.78 0.00	17.25 0.76 0.00	18.59 0.77 0.00	16.97 0.76 0.00	19.69 0.96 -0.66	20.28 1.03 0.00	19.00 0.99 -0.08	21.06 1.08 0.00	22.44 1.24 0.00	22.20 1.37 0.00	23.56 1.56 0.00	20.22 1.31 0.00	20.54 1.37 0.00	20.39 1.41 0.00	23.49 1.61 0.00	22.40 1.46 0.00	22.52 1.32 0.00	21.89 1.15 0.00	21.84 1.13 0.00	18.97 0.96 0.00	21.16 0.89 0.00

HUDSON_AVE_10 24168	15.21 0.76 0.00	16.48 0.75 0.00	16.77 0.71 0.00	16.41 0.74 0.00	17.22 0.73 0.00	18.54 0.72 0.00	16.93 0.72 0.00	19.63 0.90 -0.66	20.22 0.98 0.00	18.95 0.93 -0.08	20.98 1.01 0.00	22.37 1.17 0.00	22.12 1.29 0.00	23.48 1.48 0.00	20.13 1.24 0.01	20.46 1.30 0.01	20.33 1.34 0.00	23.41 1.54 0.00	22.32 1.38 0.00	22.43 1.24 0.01	21.80 1.07 0.01	21.75 1.05 0.01	18.93 0.91 0.00	21.10 0.83 0.00
HUDSON___115KV_TB 4 355613	15.04 0.58 0.00	16.28 0.55 0.00	16.60 0.53 0.00	16.21 0.54 0.00	17.02 0.53 0.00	18.37 0.55 0.00	16.80 0.59 0.00	18.84 0.66 -0.11	19.83 0.59 0.00	18.40 0.45 -0.01	20.51 0.53 0.00	21.88 0.67 0.00	21.47 0.64 0.00	22.70 0.71 0.00	19.45 0.55 0.00	19.88 0.71 0.00	19.79 0.81 0.00	22.85 0.97 0.00	21.76 0.82 0.00	22.06 0.85 0.00	21.49 0.76 0.00	21.47 0.76 0.00	18.68 0.66 0.00	20.87 0.59 0.00
HUNTER MOUNT___DRP 323613	15.11 0.66 0.00	16.35 0.62 0.00	16.68 0.61 0.00	16.28 0.61 0.00	17.11 0.61 0.00	18.45 0.63 0.00	16.91 0.70 0.00	18.94 0.77 -0.09	19.92 0.67 0.00	18.45 0.51 -0.01	20.58 0.61 0.00	21.96 0.76 0.00	21.52 0.69 0.00	22.75 0.75 0.00	19.48 0.57 0.00	19.95 0.78 0.00	19.87 0.89 0.00	22.94 1.06 0.00	21.85 0.91 0.00	22.19 0.99 0.00	21.63 0.89 0.00	21.60 0.89 0.00	18.78 0.77 0.00	20.99 0.71 0.00
HUNTINGTON_RES_REC 323705	34.68 0.98 -19.24	20.50 0.99 -3.79	19.54 0.99 -2.48	17.01 0.98 -0.35	19.32 1.03 -1.80	21.11 1.02 -2.26	27.01 1.02 -9.78	33.40 1.23 -14.11	32.89 1.29 -12.35	65.07 1.15 -45.99	38.90 1.18 -17.74	29.56 1.41 -6.95	25.33 1.48 -3.02	26.71 1.62 -3.09	29.60 1.34 -9.35	317.87 1.48 -297.22	25.73 1.59 -5.16	23.61 1.73 0.00	42.72 1.60 -20.18	30.67 1.61 -7.85	29.93 1.47 -7.72	33.22 1.42 -11.09	22.19 1.28 -2.89	22.14 1.20 -0.66
HUNTLEY___63 23557	14.11 -0.35 0.00	15.41 -0.32 0.00	15.82 -0.25 0.00	15.36 -0.32 0.00	16.23 -0.26 0.00	17.71 -0.11 0.00	15.98 -0.23 0.00	17.74 -0.33 0.00	18.91 -0.34 0.00	17.78 -0.15 0.00	19.75 -0.22 0.00	20.65 -0.56 0.00	20.14 -0.69 0.00	21.02 -0.98 0.00	18.05 -0.80 0.06	17.65 -0.82 0.70	17.07 -0.87 1.05	20.76 -1.12 0.00	19.97 -0.97 0.00	20.21 -0.99 0.00	19.75 -0.98 0.00	19.65 -1.05 0.00	17.39 -0.63 0.00	19.85 -0.42 0.00
HUNTLEY___64 23558	14.11 -0.35 0.00	15.41 -0.32 0.00	15.82 -0.25 0.00	15.36 -0.32 0.00	16.23 -0.26 0.00	17.71 -0.11 0.00	15.98 -0.23 0.00	17.74 -0.33 0.00	18.91 -0.34 0.00	17.78 -0.15 0.00	19.75 -0.22 0.00	20.65 -0.56 0.00	20.14 -0.69 0.00	21.02 -0.98 0.00	18.05 -0.80 0.06	17.65 -0.82 0.70	17.07 -0.87 1.05	20.76 -1.12 0.00	19.97 -0.97 0.00	20.21 -0.99 0.00	19.75 -0.98 0.00	19.65 -1.05 0.00	17.39 -0.63 0.00	19.85 -0.42 0.00
HUNTLEY___65 23559	14.11 -0.35 0.00	15.41 -0.32 0.00	15.82 -0.25 0.00	15.36 -0.32 0.00	16.23 -0.26 0.00	17.71 -0.11 0.00	15.98 -0.23 0.00	17.74 -0.33 0.00	18.91 -0.34 0.00	17.78 -0.15 0.00	19.75 -0.22 0.00	20.65 -0.56 0.00	20.14 -0.69 0.00	21.02 -0.98 0.00	18.05 -0.80 0.06	17.65 -0.82 0.70	17.07 -0.87 1.05	20.76 -1.12 0.00	19.97 -0.97 0.00	20.21 -0.99 0.00	19.75 -0.98 0.00	19.65 -1.05 0.00	17.39 -0.63 0.00	19.85 -0.42 0.00
HUNTLEY___66 23560	14.11 -0.35 0.00	15.41 -0.32 0.00	15.82 -0.25 0.00	15.36 -0.32 0.00	16.23 -0.26 0.00	17.71 -0.11 0.00	15.98 -0.23 0.00	17.74 -0.33 0.00	18.91 -0.34 0.00	17.78 -0.15 0.00	19.75 -0.22 0.00	20.65 -0.56 0.00	20.14 -0.69 0.00	21.02 -0.98 0.00	18.05 -0.80 0.06	17.65 -0.82 0.70	17.07 -0.87 1.05	20.76 -1.12 0.00	19.97 -0.97 0.00	20.21 -0.99 0.00	19.75 -0.98 0.00	19.65 -1.05 0.00	17.39 -0.63 0.00	19.85 -0.42 0.00
HUNTLEY___67 23561	14.04 -0.41 0.00	15.34 -0.39 0.00	15.75 -0.33 0.00	15.29 -0.38 0.00	16.16 -0.33 0.00	17.62 -0.20 0.00	15.91 -0.31 0.00	17.70 -0.37 0.00	18.88 -0.36 0.00	17.77 -0.17 0.00	19.73 -0.25 0.00	20.64 -0.57 0.00	20.12 -0.71 0.00	21.00 -1.00 0.00	18.03 -0.83 0.05	17.68 -0.83 0.66	17.14 -0.86 0.99	20.76 -1.12 0.00	19.95 -0.99 0.00	20.21 -0.99 0.00	19.74 -1.00 0.00	19.67 -1.04 0.00	17.35 -0.67 0.00	19.80 -0.47 0.00
HUNTLEY___68 23562	14.04 -0.41 0.00	15.34 -0.39 0.00	15.75 -0.33 0.00	15.29 -0.38 0.00	16.16 -0.33 0.00	17.62 -0.20 0.00	15.91 -0.31 0.00	17.70 -0.37 0.00	18.88 -0.36 0.00	17.77 -0.17 0.00	19.73 -0.25 0.00	20.64 -0.57 0.00	20.12 -0.71 0.00	21.00 -1.00 0.00	18.03 -0.83 0.05	17.68 -0.83 0.66	17.14 -0.86 0.99	20.76 -1.12 0.00	19.95 -0.99 0.00	20.21 -0.99 0.00	19.74 -1.00 0.00	19.67 -1.04 0.00	17.35 -0.67 0.00	19.80 -0.47 0.00
HYLAND___LFGE 323620	14.72 0.27 0.00	16.00 0.27 0.00	16.43 0.36 0.00	15.94 0.26 0.00	16.88 0.39 0.00	18.36 0.54 0.00	16.77 0.56 0.00	18.63 0.57 0.00	19.59 0.34 0.00	18.21 0.27 0.00	20.12 0.15 0.00	20.99 -0.21 0.00	20.31 -0.52 0.00	21.21 -0.79 0.00	18.49 -0.68 -0.26	21.76 -0.67 -3.27	23.42 -0.48 -4.92	21.57 -0.31 0.00	20.86 -0.08 0.00	21.47 0.27 0.00	21.27 0.53 0.00	21.30 0.59 0.00	18.53 0.52 0.00	21.04 0.76 0.00
INDECK___CORINTH 23802	15.52 1.07 0.00	16.86 1.13 0.00	17.19 1.11 0.00	16.77 1.09 0.00	17.66 1.17 0.00	19.09 1.27 0.00	17.49 1.28 0.00	19.59 1.39 -0.12	20.62 1.37 0.00	19.17 1.22 -0.02	21.34 1.37 0.00	22.71 1.51 0.00	22.11 1.28 0.00	23.50 1.50 0.00	20.08 1.17 0.00	20.35 1.18 0.00	20.33 1.34 0.00	23.74 1.86 0.00	22.72 1.78 0.00	22.90 1.69 0.00	22.38 1.64 0.00	22.39 1.68 0.00	19.45 1.43 0.00	21.75 1.48 0.00
INDECK___ILION 23567	14.46 0.01 0.00	15.72 -0.01 0.00	16.00 -0.07 0.00	15.61 -0.06 0.00	16.42 -0.07 0.00	17.75 -0.07 0.00	16.12 -0.09 0.00	18.00 -0.07 0.00	19.16 -0.08 0.00	17.86 -0.07 0.00	19.91 -0.06 0.00	21.15 -0.06 0.00	20.75 -0.08 0.00	22.02 0.02 0.00	18.92 0.01 0.00	19.12 -0.05 0.00	18.98 0.00 0.00	21.92 0.04 0.00	20.93 -0.01 0.00	21.21 0.01 0.00	20.71 -0.03 0.00	20.70 -0.01 0.00	17.98 -0.04 0.00	20.15 -0.12 0.00
INDECK___OLEAN 23982	14.38 -0.07 0.00	15.75 0.02 0.00	16.19 0.12 0.00	15.80 0.12 0.00	16.63 0.14 0.00	18.04 0.22 0.00	16.30 0.08 0.00	18.40 0.34 0.00	19.75 0.51 0.00	18.52 0.58 0.00	20.54 0.56 0.00	21.56 0.35 0.00	21.05 0.21 0.00	21.98 -0.02 0.00	18.89 -0.03 -0.02	19.33 -0.02 -0.18	19.19 -0.07 -0.27	21.69 -0.19 0.00	20.80 -0.14 0.00	21.07 -0.13 0.00	20.50 -0.23 0.00	20.55 -0.15 0.00	17.93 -0.09 0.00	20.42 0.15 0.00
INDECK___OSWEGO 23783	14.18 -0.28 0.00	15.45 -0.28 0.00	15.78 -0.29 0.00	15.38 -0.29 0.00	16.21 -0.29 0.00	17.52 -0.30 0.00	15.90 -0.31 0.00	17.68 -0.39 0.00	18.84 -0.41 0.00	17.58 -0.36 0.00	19.58 -0.40 0.00	20.77 -0.44 0.00	20.36 -0.47 0.00	21.44 -0.56 0.00	18.42 -0.48 0.00	18.68 -0.49 0.00	18.48 -0.51 0.00	21.32 -0.56 0.00	20.46 -0.48 0.00	20.77 -0.43 0.00	20.31 -0.43 0.00	20.27 -0.43 0.00	17.65 -0.37 0.00	19.94 -0.33 0.00

INDECK___YERKES 23781	14.13 -0.33 0.00	15.41 -0.32 0.00	15.82 -0.25 0.00	15.37 -0.30 0.00	16.23 -0.27 0.00	17.71 -0.11 0.00	15.98 -0.24 0.00	17.73 -0.33 0.00	18.91 -0.34 0.00	17.78 -0.16 0.00	19.75 -0.23 0.00	20.65 -0.56 0.00	20.14 -0.69 0.00	21.03 -0.97 0.00	18.05 -0.80 0.06	17.63 -0.84 0.70	17.04 -0.90 1.05	20.76 -1.12 0.00	19.97 -0.97 0.00	20.22 -0.98 0.00	19.75 -0.99 0.00	19.65 -1.05 0.00	17.38 -0.64 0.00	19.85 -0.42 0.00
INDIAN POINT_GT_1 24139	15.12 0.66 0.00	16.37 0.64 0.00	16.68 0.61 0.00	16.31 0.64 0.00	17.11 0.62 0.00	18.44 0.62 0.00	16.82 0.61 0.00	19.62 0.78 -0.77	20.08 0.84 0.00	18.81 0.78 -0.10	20.83 0.85 0.00	22.21 1.00 0.00	21.95 1.11 0.00	23.27 1.28 0.00	19.97 1.06 0.00	20.29 1.12 0.00	20.15 1.16 0.00	23.22 1.34 0.00	22.15 1.21 0.00	22.28 1.08 0.00	21.69 0.95 0.00	21.65 0.94 0.00	18.81 0.79 0.00	21.00 0.73 0.00
INDIAN POINT_GT_2 23659	15.12 0.66 0.00	16.37 0.64 0.00	16.68 0.61 0.00	16.31 0.64 0.00	17.11 0.62 0.00	18.44 0.62 0.00	16.82 0.61 0.00	19.62 0.78 -0.77	20.08 0.84 0.00	18.81 0.78 -0.10	20.83 0.85 0.00	22.21 1.00 0.00	21.95 1.11 0.00	23.27 1.28 0.00	19.97 1.06 0.00	20.29 1.12 0.00	20.15 1.16 0.00	23.22 1.34 0.00	22.15 1.21 0.00	22.28 1.08 0.00	21.69 0.95 0.00	21.65 0.94 0.00	18.81 0.79 0.00	21.00 0.73 0.00
INDIAN POINT_GT_3 24019	15.12 0.66 0.00	16.37 0.64 0.00	16.68 0.61 0.00	16.31 0.64 0.00	17.11 0.62 0.00	18.44 0.62 0.00	16.82 0.61 0.00	19.62 0.78 -0.77	20.08 0.84 0.00	18.81 0.78 -0.10	20.83 0.85 0.00	22.21 1.00 0.00	21.95 1.11 0.00	23.27 1.28 0.00	19.97 1.06 0.00	20.29 1.12 0.00	20.15 1.16 0.00	23.22 1.34 0.00	22.15 1.21 0.00	22.28 1.08 0.00	21.69 0.95 0.00	21.65 0.94 0.00	18.81 0.79 0.00	21.00 0.73 0.00
INDIAN POINT___2 23530	15.10 0.65 0.00	16.35 0.62 0.00	16.66 0.59 0.00	16.29 0.61 0.00	17.09 0.60 0.00	18.42 0.60 0.00	16.80 0.59 0.00	19.85 0.76 -1.02	20.06 0.81 0.00	18.82 0.76 -0.13	20.80 0.83 0.00	22.18 0.98 0.00	21.93 1.10 0.00	23.26 1.26 0.00	19.95 1.04 0.00	20.28 1.11 0.00	20.13 1.15 0.00	23.20 1.32 0.00	22.13 1.19 0.00	22.25 1.05 0.00	21.66 0.92 0.00	21.62 0.91 0.00	18.79 0.77 0.00	20.99 0.72 0.00
INDIAN POINT___3 23531	15.11 0.65 0.00	16.37 0.64 0.00	16.67 0.60 0.00	16.30 0.63 0.00	17.11 0.61 0.00	18.44 0.61 0.00	16.82 0.60 0.00	19.63 0.77 -0.78	20.07 0.83 0.00	18.80 0.77 -0.10	20.82 0.84 0.00	22.19 0.99 0.00	21.93 1.10 0.00	23.26 1.27 0.00	19.95 1.04 0.00	20.27 1.10 0.00	20.13 1.14 0.00	23.20 1.32 0.00	22.13 1.19 0.00	22.26 1.06 0.00	21.66 0.93 0.00	21.63 0.92 0.00	18.79 0.78 0.00	21.00 0.72 0.00
INGHAM_C_115KV_TB7 356103	14.39 -0.07 0.00	15.60 -0.13 0.00	15.81 -0.26 0.00	15.44 -0.23 0.00	16.24 -0.26 0.00	17.55 -0.27 0.00	15.92 -0.30 0.00	17.82 -0.25 0.00	18.94 -0.30 0.00	17.68 -0.25 0.00	19.72 -0.25 0.00	20.96 -0.25 0.00	20.53 -0.30 0.00	21.92 -0.07 0.00	18.85 -0.06 0.00	18.97 -0.20 0.00	18.88 -0.10 0.00	21.85 -0.03 0.00	20.76 -0.17 0.00	21.09 -0.11 0.00	20.56 -0.17 0.00	20.59 -0.12 0.00	17.85 -0.17 0.00	19.91 -0.36 0.00
IP CORINTH___1 23988	15.53 1.08 0.00	16.86 1.13 0.00	17.19 1.12 0.00	16.77 1.10 0.00	17.66 1.17 0.00	19.09 1.27 0.00	17.49 1.28 0.00	19.59 1.39 -0.12	20.62 1.37 0.00	19.17 1.22 -0.02	21.34 1.37 0.00	22.71 1.51 0.00	22.12 1.29 0.00	23.50 1.50 0.00	20.08 1.17 0.00	20.35 1.18 0.00	20.32 1.34 0.00	23.74 1.86 0.00	22.72 1.78 0.00	22.90 1.69 0.00	22.38 1.64 0.00	22.39 1.68 0.00	19.45 1.43 0.00	21.75 1.48 0.00
IP___TICONDEROGA 23804	16.18 1.72 0.00	17.60 1.87 0.00	17.92 1.85 0.00	17.47 1.80 0.00	18.49 2.00 0.00	20.05 2.23 0.00	18.44 2.23 0.00	20.47 2.27 -0.13	21.46 2.22 0.00	20.00 2.05 -0.02	22.23 2.26 0.00	23.90 2.70 0.00	23.23 2.39 0.00	24.73 2.73 0.00	21.10 2.20 0.00	21.20 2.03 0.00	21.14 2.15 0.00	24.88 3.00 0.00	23.73 2.80 0.00	23.95 2.75 0.00	23.36 2.62 0.00	23.53 2.82 0.00	20.51 2.50 0.00	22.89 2.62 0.00
ISLIP_RES_REC 323679	34.80 1.10 -19.24	20.63 1.12 -3.79	19.69 1.14 -2.48	17.14 1.13 -0.35	19.48 1.19 -1.80	21.25 1.17 -2.26	27.16 1.17 -9.78	33.60 1.42 -14.11	33.12 1.52 -12.35	65.30 1.38 -45.99	39.11 1.39 -17.74	29.77 1.62 -6.95	25.48 1.63 -3.02	26.85 1.77 -3.09	29.72 1.47 -9.35	318.02 1.63 -297.22	25.90 1.75 -5.16	23.78 1.90 0.00	42.89 1.78 -20.18	30.90 1.85 -7.85	30.14 1.69 -7.72	33.42 1.62 -11.09	22.34 1.44 -2.89	22.31 1.37 -0.66
JAMAICA__27_KV_LOAD 355505	15.33 0.87 0.00	16.64 0.91 0.00	16.92 0.85 0.00	16.54 0.87 0.00	17.35 0.86 0.00	18.67 0.85 0.00	17.05 0.84 0.00	19.76 1.03 -0.66	20.36 1.12 0.00	19.07 1.05 -0.08	21.07 1.10 0.00	22.47 1.26 0.00	22.20 1.37 0.00	23.56 1.56 0.00	20.19 1.29 0.01	20.53 1.37 0.01	20.40 1.41 0.00	23.52 1.64 0.00	22.42 1.49 0.00	22.52 1.33 0.01	21.88 1.15 0.01	21.83 1.14 0.01	19.05 1.04 0.00	21.24 0.96 0.00
JANIS___SOLAR 323808	14.89 0.44 0.00	16.20 0.48 0.00	16.55 0.48 0.00	16.11 0.43 0.00	17.06 0.57 0.00	18.47 0.65 0.00	16.79 0.57 0.00	18.74 0.67 0.00	19.84 0.60 0.00	18.39 0.45 0.00	20.45 0.48 0.00	21.65 0.44 0.00	21.40 0.57 0.00	22.65 0.65 0.00	19.55 0.65 0.00	19.68 0.51 0.00	19.45 0.47 0.00	22.37 0.50 0.00	21.50 0.56 0.00	22.03 0.82 0.00	21.58 0.84 0.00	21.55 0.84 0.00	18.66 0.64 0.00	21.00 0.73 0.00
JARVIS____ 23743	14.47 0.01 0.00	15.75 0.02 0.00	16.08 0.01 0.00	15.69 0.02 0.00	16.50 0.01 0.00	17.82 0.00 0.00	16.21 0.00 0.00	18.07 0.00 0.00	19.24 0.00 0.00	17.93 0.00 0.00	19.98 0.00 0.00	21.22 0.01 0.00	20.83 0.00 0.00	22.02 0.01 0.00	18.91 0.00 0.00	19.17 0.00 0.00	19.00 0.01 0.00	21.90 0.02 0.00	20.96 0.02 0.00	21.23 0.02 0.00	20.74 0.00 0.00	20.71 0.00 0.00	18.02 0.00 0.00	20.27 -0.01 0.00
JENNISON___1 23625	14.94 0.49 0.00	16.27 0.54 0.00	16.61 0.54 0.00	16.19 0.51 0.00	17.11 0.62 0.00	18.52 0.69 0.00	16.84 0.62 0.00	18.84 0.77 0.00	20.03 0.79 0.00	18.65 0.71 0.00	20.74 0.77 0.00	21.94 0.73 0.00	21.63 0.79 0.00	22.89 0.89 0.00	19.76 0.85 0.00	19.97 0.80 0.00	19.75 0.76 0.00	22.73 0.85 0.00	21.74 0.80 0.00	22.13 0.93 0.00	21.64 0.90 0.00	21.62 0.91 0.00	18.73 0.71 0.00	21.05 0.78 0.00
JENNISON___2 23626	14.94 0.49 0.00	16.27 0.54 0.00	16.61 0.54 0.00	16.19 0.51 0.00	17.11 0.62 0.00	18.52 0.69 0.00	16.84 0.62 0.00	18.84 0.77 0.00	20.03 0.79 0.00	18.65 0.71 0.00	20.74 0.77 0.00	21.94 0.73 0.00	21.63 0.79 0.00	22.89 0.89 0.00	19.76 0.85 0.00	19.97 0.80 0.00	19.75 0.76 0.00	22.73 0.85 0.00	21.74 0.80 0.00	22.13 0.93 0.00	21.64 0.90 0.00	21.62 0.91 0.00	18.73 0.71 0.00	21.05 0.78 0.00

JERICO_RISE_WT_PWR 323719	14.50 0.05 0.00	15.77 0.04 0.00	16.25 0.17 0.00	15.88 0.20 0.00	16.87 0.38 0.00	18.28 0.46 0.00	16.69 0.48 0.00	18.62 0.56 0.00	20.00 0.76 0.00	18.58 0.65 0.00	20.63 0.66 0.00	21.90 0.69 0.00	21.43 0.60 0.00	22.56 0.56 0.00	19.36 0.45 0.00	19.59 0.42 0.00	19.20 0.22 0.00	21.85 -0.03 0.00	20.94 0.00 0.00	21.15 -0.06 0.00	21.25 0.51 0.00	21.36 0.66 0.00	18.42 0.40 0.00	20.77 0.49 0.00
KATONAH__115KV_46KV_TB4 355592	15.21 0.75 0.00	16.46 0.73 0.00	16.77 0.70 0.00	16.40 0.73 0.00	17.22 0.73 0.00	18.56 0.74 0.00	16.96 0.75 0.00	19.43 0.94 -0.42	20.25 1.01 0.00	18.91 0.92 -0.05	20.99 1.02 0.00	22.37 1.17 0.00	22.09 1.26 0.00	23.42 1.42 0.00	20.09 1.19 0.00	20.41 1.25 0.00	20.27 1.28 0.00	23.38 1.50 0.00	22.31 1.37 0.00	22.45 1.25 0.00	21.84 1.10 0.00	21.79 1.08 0.00	18.93 0.92 0.00	21.13 0.86 0.00
KCE_NY_1 323755	15.34 0.88 0.00	16.65 0.92 0.00	16.97 0.90 0.00	16.57 0.90 0.00	17.40 0.91 0.00	18.81 0.99 0.00	17.19 0.98 0.00	19.30 1.10 -0.13	20.30 1.05 0.00	18.89 0.94 -0.02	21.05 1.07 0.00	22.41 1.20 0.00	21.91 1.08 0.00	23.25 1.26 0.00	19.93 1.03 0.00	20.22 1.06 0.00	20.13 1.14 0.00	23.33 1.45 0.00	22.34 1.40 0.00	22.59 1.38 0.00	22.04 1.30 0.00	21.98 1.27 0.00	19.10 1.09 0.00	21.40 1.13 0.00
KCE_NY_6_ESR 323823	14.19 -0.27 0.00	15.48 -0.24 0.00	15.89 -0.18 0.00	15.45 -0.23 0.00	16.31 -0.18 0.00	17.78 -0.05 0.00	16.07 -0.15 0.00	17.93 -0.14 0.00	19.16 -0.08 0.00	18.02 0.09 0.00	20.01 0.04 0.00	20.94 -0.27 0.00	20.41 -0.42 0.00	21.32 -0.68 0.00	18.30 -0.56 0.05	18.03 -0.58 0.56	17.52 -0.62 0.84	21.10 -0.78 0.00	20.27 -0.66 0.00	20.56 -0.64 0.00	20.05 -0.68 0.00	20.00 -0.71 0.00	17.59 -0.43 0.00	20.06 -0.22 0.00
KEDC_PORT_JEFF_GT2 24210	34.73 1.03 -19.24	20.57 1.05 -3.79	19.62 1.07 -2.48	17.08 1.06 -0.35	19.41 1.12 -1.80	21.18 1.10 -2.26	27.06 1.07 -9.78	33.47 1.30 -14.11	32.98 1.38 -12.35	65.17 1.25 -45.99	38.98 1.26 -17.74	29.64 1.49 -6.95	25.36 1.52 -3.02	26.73 1.65 -3.09	29.61 1.36 -9.35	317.87 1.48 -297.22	25.68 1.54 -5.16	23.49 1.61 0.00	42.64 1.52 -20.18	30.74 1.68 -7.85	29.99 1.53 -7.72	33.27 1.47 -11.09	22.22 1.32 -2.89	22.19 1.25 -0.66
KEDC_PORT_JEFF_GT3 24211	34.73 1.03 -19.24	20.57 1.05 -3.79	19.62 1.07 -2.48	17.08 1.06 -0.35	19.41 1.12 -1.80	21.18 1.10 -2.26	27.06 1.07 -9.78	33.47 1.30 -14.11	32.98 1.38 -12.35	65.17 1.25 -45.99	38.98 1.26 -17.74	29.64 1.49 -6.95	25.36 1.52 -3.02	26.73 1.65 -3.09	29.61 1.36 -9.35	317.87 1.48 -297.22	25.68 1.54 -5.16	23.49 1.61 0.00	42.64 1.52 -20.18	30.74 1.68 -7.85	29.99 1.53 -7.72	33.27 1.47 -11.09	22.22 1.32 -2.89	22.19 1.25 -0.66
KEDC_GLWD_GT4 24219	34.60 0.90 -19.24	20.42 0.91 -3.79	19.43 0.87 -2.48	16.91 0.89 -0.35	19.19 0.90 -1.80	21.00 0.92 -2.26	26.91 0.91 -9.78	33.30 1.12 -14.11	32.80 1.20 -12.35	65.04 1.12 -45.99	38.93 1.21 -17.74	29.48 1.33 -6.95	25.34 1.50 -3.02	26.77 1.68 -3.09	29.66 1.40 -9.35	309.21 1.48 -288.56	25.53 1.39 -5.16	23.44 1.56 0.00	42.33 1.42 -19.98	30.38 1.32 -7.85	29.63 1.18 -7.72	32.95 1.16 -11.09	21.91 1.01 -2.89	22.00 1.06 -0.66
KEDC_GLWD_GT5 24220	34.60 0.90 -19.24	20.42 0.91 -3.79	19.43 0.87 -2.48	16.91 0.89 -0.35	19.19 0.90 -1.80	21.00 0.92 -2.26	26.91 0.91 -9.78	33.30 1.12 -14.11	32.80 1.20 -12.35	65.04 1.12 -45.99	38.93 1.21 -17.74	29.48 1.33 -6.95	25.34 1.50 -3.02	26.77 1.68 -3.09	29.66 1.40 -9.35	309.21 1.48 -288.56	25.53 1.39 -5.16	23.44 1.56 0.00	42.33 1.42 -19.98	30.38 1.32 -7.85	29.63 1.18 -7.72	32.95 1.16 -11.09	21.91 1.01 -2.89	22.00 1.06 -0.66
KENSICO____ 23655	15.16 0.71 0.00	16.42 0.69 0.00	16.73 0.65 0.00	16.36 0.68 0.00	17.16 0.67 0.00	18.50 0.68 0.00	16.88 0.67 0.00	19.62 0.85 -0.70	20.15 0.91 0.00	18.87 0.85 -0.09	20.90 0.93 0.00	22.29 1.08 0.00	22.02 1.19 0.00	23.36 1.36 0.00	20.03 1.13 0.00	20.36 1.19 0.00	20.21 1.23 0.00	23.29 1.42 0.00	22.22 1.28 0.00	22.35 1.15 0.00	21.74 1.01 0.00	21.70 0.99 0.00	18.86 0.84 0.00	21.06 0.79 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	15.08 0.63 0.00	16.36 0.62 0.00	16.65 0.58 0.00	16.26 0.58 0.00	17.09 0.60 0.00	18.45 0.62 0.00	16.82 0.61 0.00	18.87 0.81 0.00	20.14 0.90 0.00	18.73 0.79 0.00	20.77 0.80 0.00	22.09 0.89 0.00	21.78 0.94 0.00	23.21 1.21 0.00	19.94 1.04 0.00	20.23 1.07 0.00	20.14 1.16 0.00	23.26 1.38 0.00	22.17 1.23 0.00	22.29 1.09 0.00	21.72 0.98 0.00	21.68 0.97 0.00	18.82 0.81 0.00	21.03 0.76 0.00
KIAC_JFK_GT1 23816	15.25 0.79 0.00	16.55 0.82 0.00	16.83 0.76 0.00	16.45 0.78 0.00	17.26 0.77 0.00	18.57 0.75 0.00	16.96 0.75 0.00	19.66 0.93 -0.66	20.25 1.01 0.00	18.96 0.94 -0.08	20.94 0.97 0.00	22.36 1.16 0.00	22.06 1.23 0.00	23.40 1.40 0.00	20.03 1.13 0.01	20.35 1.19 0.01	20.23 1.24 0.00	23.31 1.43 0.00	22.23 1.29 0.00	22.33 1.14 0.01	21.69 0.96 0.01	21.65 0.95 0.01	18.95 0.93 0.00	21.12 0.85 0.00
KIAC_JFK_GT2 23817	15.25 0.79 0.00	16.55 0.82 0.00	16.83 0.76 0.00	16.45 0.78 0.00	17.26 0.77 0.00	18.57 0.75 0.00	16.96 0.75 0.00	19.66 0.93 -0.66	20.25 1.01 0.00	18.96 0.94 -0.08	20.94 0.97 0.00	22.36 1.16 0.00	22.06 1.23 0.00	23.40 1.40 0.00	20.03 1.13 0.01	20.35 1.19 0.01	20.23 1.24 0.00	23.31 1.43 0.00	22.23 1.29 0.00	22.33 1.14 0.01	21.69 0.96 0.01	21.65 0.95 0.01	18.95 0.93 0.00	21.12 0.85 0.00
KIAC_JFK____ 323774	15.24 0.79 0.00	16.54 0.81 0.00	16.83 0.76 0.00	16.44 0.77 0.00	17.26 0.77 0.00	18.56 0.74 0.00	16.96 0.75 0.00	19.66 0.93 -0.66	20.25 1.01 0.00	18.96 0.94 -0.08	20.94 0.97 0.00	22.36 1.16 0.00	22.06 1.23 0.00	23.40 1.40 0.00	20.02 1.13 0.01	20.36 1.19 0.01	20.23 1.24 0.00	23.31 1.43 0.00	22.23 1.29 0.00	22.33 1.13 0.01	21.70 0.97 0.01	21.65 0.95 0.01	18.95 0.93 0.00	21.12 0.85 0.00
KINTIGH____ 23543	14.07 -0.39 0.00	15.35 -0.38 0.00	15.75 -0.32 0.00	15.31 -0.37 0.00	16.16 -0.33 0.00	17.60 -0.22 0.00	15.90 -0.31 0.00	17.69 -0.38 0.00	18.85 -0.39 0.00	17.71 -0.22 0.00	19.69 -0.29 0.00	20.65 -0.55 0.00	20.16 -0.68 0.00	21.06 -0.93 0.00	18.09 -0.78 0.04	17.89 -0.78 0.50	17.42 -0.81 0.75	20.82 -1.06 0.00	20.00 -0.93 0.00	20.26 -0.94 0.00	19.79 -0.95 0.00	19.71 -0.99 0.00	17.35 -0.66 0.00	19.78 -0.50 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	14.72 0.27 0.00	15.96 0.23 0.00	16.44 0.37 0.00	16.08 0.40 0.00	17.10 0.61 0.00	18.53 0.71 0.00	16.95 0.74 0.00	18.89 0.83 0.00	20.33 1.09 0.00	18.86 0.93 0.00	20.92 0.95 0.00	22.23 1.02 0.00	21.72 0.88 0.00	22.87 0.88 0.00	19.63 0.72 0.00	19.84 0.67 0.00	19.48 0.49 0.00	22.16 0.28 0.00	21.25 0.31 0.00	21.46 0.26 0.00	21.57 0.83 0.00	21.73 1.03 0.00	18.72 0.70 0.00	21.07 0.79 0.00

LACHUTE____HYDRO 323717	16.18 1.73 0.00	17.60 1.87 0.00	17.91 1.84 0.00	17.47 1.80 0.00	18.49 2.00 0.00	20.05 2.23 0.00	18.44 2.23 0.00	20.47 2.27 -0.13	21.46 2.22 0.00	20.00 2.05 -0.02	22.23 2.26 0.00	23.90 2.70 0.00	23.23 2.39 0.00	24.72 2.72 0.00	21.10 2.20 0.00	21.20 2.03 0.00	21.14 2.16 0.00	24.88 3.01 0.00	23.73 2.80 0.00	23.95 2.75 0.00	23.36 2.62 0.00	23.53 2.82 0.00	20.51 2.49 0.00	22.89 2.62 0.00
LAWRNCAV_115KV_TB1 80681	14.52 0.07 0.00	15.87 0.14 0.00	16.28 0.20 0.00	15.85 0.18 0.00	16.72 0.23 0.00	18.14 0.32 0.00	16.54 0.33 0.00	18.46 0.39 0.00	19.69 0.45 0.00	18.37 0.43 0.00	20.45 0.48 0.00	21.64 0.43 0.00	21.22 0.38 0.00	22.32 0.33 0.00	19.16 0.25 0.00	19.24 0.07 0.00	18.81 -0.18 0.00	21.61 -0.27 0.00	20.69 -0.25 0.00	21.17 -0.03 0.00	21.12 0.39 0.00	21.15 0.44 0.00	18.34 0.33 0.00	20.60 0.32 0.00
LEDERLE____ 23769	15.15 0.69 0.00	16.41 0.68 0.00	16.70 0.63 0.00	16.35 0.68 0.00	17.14 0.65 0.00	18.48 0.66 0.00	16.84 0.62 0.00	17.96 0.81 0.91	20.12 0.88 0.00	18.64 0.82 0.11	20.88 0.91 0.00	22.27 1.07 0.00	22.03 1.20 0.00	23.38 1.38 0.00	20.05 1.15 0.00	20.37 1.20 0.00	20.22 1.23 0.00	23.30 1.42 0.00	22.22 1.28 0.00	22.34 1.14 0.00	21.75 1.01 0.00	21.70 1.00 0.00	18.86 0.84 0.00	21.06 0.79 0.00
LIGHTHSE_115KV_TB6 355974	14.31 -0.15 0.00	15.66 -0.06 0.00	16.01 -0.06 0.00	15.58 -0.09 0.00	16.44 -0.05 0.00	17.79 -0.03 0.00	16.19 -0.02 0.00	18.02 -0.05 0.00	19.20 -0.04 0.00	17.91 -0.02 0.00	19.96 -0.02 0.00	21.15 -0.05 0.00	20.65 -0.19 0.00	21.62 -0.37 0.00	18.54 -0.36 0.00	18.81 -0.36 0.00	18.48 -0.50 0.00	21.32 -0.56 0.00	20.59 -0.35 0.00	21.13 -0.07 0.00	20.71 -0.03 0.00	20.71 0.01 0.00	17.99 -0.03 0.00	20.24 -0.03 0.00
LINDEN COGEN____ 23786	15.16 0.71 0.00	16.42 0.69 0.00	16.72 0.65 0.00	16.37 0.69 0.00	17.16 0.67 0.00	18.48 0.66 0.00	16.86 0.65 0.00	19.54 0.82 -0.66	20.13 0.88 0.00	18.87 0.85 -0.08	20.92 0.95 0.00	22.30 1.09 0.00	22.07 1.24 0.00	23.43 1.43 0.00	20.11 1.20 0.00	20.43 1.26 0.00	20.28 1.30 0.00	23.36 1.48 0.00	22.28 1.34 0.00	22.38 1.18 0.00	21.77 1.03 0.00	21.72 1.01 0.00	18.87 0.85 0.00	21.04 0.77 0.00
LINDHRST_69_KV_BK1 356055	34.83 1.13 -19.24	20.64 1.13 -3.79	19.67 1.12 -2.48	17.14 1.12 -0.35	19.44 1.15 -1.80	21.25 1.17 -2.26	27.14 1.15 -9.78	33.58 1.40 -14.11	33.09 1.49 -12.35	65.28 1.36 -45.99	39.15 1.43 -17.74	29.77 1.61 -6.95	25.52 1.67 -3.02	26.92 1.84 -3.09	29.79 1.54 -9.35	309.31 1.65 -288.49	25.90 1.75 -5.16	23.80 1.92 0.00	42.70 1.78 -19.97	30.85 1.80 -7.85	30.10 1.65 -7.72	33.42 1.62 -11.09	22.34 1.43 -2.89	22.30 1.37 -0.66
LIPA_MISC_IPP 23656	34.66 0.96 -19.24	20.49 0.97 -3.79	19.55 0.99 -2.48	17.04 1.02 -0.35	19.33 1.04 -1.80	21.09 1.00 -2.26	26.93 0.93 -9.78	33.32 1.14 -14.11	32.82 1.22 -12.35	65.03 1.11 -45.99	38.83 1.11 -17.74	29.49 1.33 -6.95	25.20 1.35 -3.02	26.57 1.48 -3.09	29.46 1.21 -9.35	317.65 1.26 -297.22	25.54 1.40 -5.16	23.42 1.54 0.00	42.57 1.45 -20.18	30.56 1.50 -7.85	29.80 1.35 -7.72	33.08 1.29 -11.09	22.07 1.16 -2.89	22.00 1.06 -0.66
LISF____SOLAR 323691	34.64 0.95 -19.24	20.50 0.98 -3.79	19.55 1.00 -2.48	17.05 1.03 -0.35	19.34 1.05 -1.80	21.11 1.03 -2.26	26.93 0.94 -9.78	33.32 1.14 -14.11	32.82 1.22 -12.35	65.04 1.12 -45.99	38.84 1.13 -17.74	29.50 1.35 -6.95	25.20 1.36 -3.02	26.58 1.49 -3.09	29.47 1.21 -9.35	317.66 1.27 -297.22	25.55 1.40 -5.16	23.43 1.55 0.00	42.58 1.47 -20.18	30.57 1.51 -7.85	29.82 1.36 -7.72	33.10 1.30 -11.09	22.08 1.17 -2.89	22.00 1.06 -0.66
LITTLE FALLS____HYD 24013	14.39 -0.07 0.00	15.60 -0.13 0.00	15.81 -0.26 0.00	15.44 -0.23 0.00	16.24 -0.26 0.00	17.55 -0.27 0.00	15.92 -0.30 0.00	17.82 -0.25 0.00	18.94 -0.30 0.00	17.68 -0.25 0.00	19.72 -0.25 0.00	20.96 -0.25 0.00	20.53 -0.30 0.00	21.92 -0.07 0.00	18.85 -0.06 0.00	18.97 -0.20 0.00	18.88 -0.10 0.00	21.85 -0.03 0.00	20.76 -0.17 0.00	21.09 -0.11 0.00	20.56 -0.17 0.00	20.59 -0.12 0.00	17.85 -0.17 0.00	19.91 -0.36 0.00
LITTLRIV_115KV_TB1 356100	14.66 0.20 0.00	16.03 0.30 0.00	16.43 0.36 0.00	16.01 0.34 0.00	16.88 0.39 0.00	18.35 0.52 0.00	16.73 0.52 0.00	18.68 0.61 0.00	19.93 0.69 0.00	18.61 0.67 0.00	20.72 0.74 0.00	21.89 0.68 0.00	21.44 0.61 0.00	22.59 0.59 0.00	19.40 0.50 0.00	19.47 0.31 0.00	19.02 0.04 0.00	21.88 0.00 0.00	20.95 0.01 0.00	21.42 0.22 0.00	21.39 0.65 0.00	21.40 0.69 0.00	18.55 0.53 0.00	20.81 0.53 0.00
LI_NEWBRDGE____DRP 323616	34.61 0.91 -19.24	20.41 0.90 -3.79	19.43 0.88 -2.48	16.92 0.90 -0.35	19.20 0.91 -1.80	20.99 0.91 -2.26	26.89 0.89 -9.78	33.28 1.10 -14.11	32.76 1.16 -12.35	64.99 1.07 -45.99	38.82 1.10 -17.74	29.46 1.30 -6.95	25.23 1.39 -3.02	26.64 1.55 -3.09	29.54 1.28 -9.35	320.48 1.34 -299.97	25.55 1.41 -5.16	23.44 1.56 0.00	42.63 1.44 -20.24	30.45 1.39 -7.85	29.70 1.25 -7.72	33.04 1.24 -11.09	22.02 1.11 -2.89	21.97 1.04 -0.66
LOCKPORT_115KV_TB60_63_64 80432	14.04 -0.42 0.00	15.33 -0.40 0.00	15.73 -0.34 0.00	15.27 -0.40 0.00	16.14 -0.35 0.00	17.62 -0.20 0.00	15.89 -0.32 0.00	17.67 -0.40 0.00	18.83 -0.42 0.00	17.72 -0.21 0.00	19.67 -0.30 0.00	20.57 -0.63 0.00	20.07 -0.76 0.00	20.93 -1.07 0.00	17.96 -0.88 0.06	17.48 -0.89 0.80	16.85 -0.94 1.20	20.69 -1.19 0.00	19.90 -1.04 0.00	20.16 -1.05 0.00	19.67 -1.07 0.00	19.57 -1.14 0.00	17.27 -0.74 0.00	19.72 -0.56 0.00
LOCKPORT____CC1 323769	14.06 -0.40 0.00	15.33 -0.39 0.00	15.74 -0.33 0.00	15.29 -0.38 0.00	16.14 -0.35 0.00	17.62 -0.20 0.00	15.89 -0.32 0.00	17.67 -0.40 0.00	18.83 -0.42 0.00	17.72 -0.21 0.00	19.68 -0.30 0.00	20.58 -0.63 0.00	20.07 -0.76 0.00	20.93 -1.06 0.00	17.95 -0.88 0.08	17.31 -0.91 0.95	16.58 -0.98 1.42	20.68 -1.20 0.00	19.89 -1.04 0.00	20.16 -1.04 0.00	19.67 -1.07 0.00	19.57 -1.13 0.00	17.27 -0.74 0.00	19.73 -0.55 0.00
LOCKPORT____CC2 323770	14.06 -0.40 0.00	15.33 -0.39 0.00	15.74 -0.33 0.00	15.29 -0.38 0.00	16.14 -0.35 0.00	17.62 -0.20 0.00	15.89 -0.32 0.00	17.67 -0.40 0.00	18.83 -0.42 0.00	17.72 -0.21 0.00	19.68 -0.30 0.00	20.58 -0.63 0.00	20.07 -0.76 0.00	20.93 -1.06 0.00	17.95 -0.88 0.08	17.31 -0.91 0.95	16.58 -0.98 1.42	20.68 -1.20 0.00	19.89 -1.04 0.00	20.16 -1.04 0.00	19.67 -1.07 0.00	19.57 -1.13 0.00	17.27 -0.74 0.00	19.73 -0.55 0.00
LOCKPORT____CC3 323771	14.06 -0.40 0.00	15.33 -0.39 0.00	15.74 -0.33 0.00	15.29 -0.38 0.00	16.14 -0.35 0.00	17.62 -0.20 0.00	15.89 -0.32 0.00	17.67 -0.40 0.00	18.83 -0.42 0.00	17.72 -0.21 0.00	19.68 -0.30 0.00	20.58 -0.63 0.00	20.07 -0.76 0.00	20.93 -1.06 0.00	17.95 -0.88 0.08	17.31 -0.91 0.95	16.58 -0.98 1.42	20.68 -1.20 0.00	19.89 -1.04 0.00	20.16 -1.04 0.00	19.67 -1.07 0.00	19.57 -1.13 0.00	17.27 -0.74 0.00	19.73 -0.55 0.00

LONG_LAKE_PHOENIX 24014	14.25 -0.20 0.00	15.52 -0.21 0.00	15.85 -0.22 0.00	15.46 -0.22 0.00	16.29 -0.21 0.00	17.60 -0.22 0.00	15.98 -0.23 0.00	17.76 -0.30 0.00	18.93 -0.31 0.00	17.67 -0.26 0.00	19.69 -0.28 0.00	20.88 -0.33 0.00	20.49 -0.34 0.00	21.58 -0.42 0.00	18.55 -0.36 0.00	18.80 -0.36 0.00	18.62 -0.37 0.00	21.47 -0.41 0.00	20.59 -0.34 0.00	20.88 -0.32 0.00	20.41 -0.32 0.00	20.37 -0.33 0.00	17.74 -0.28 0.00	20.05 -0.23 0.00
LOVETT___3 23632	15.08 0.63 0.00	16.34 0.61 0.00	16.64 0.57 0.00	16.28 0.61 0.00	17.08 0.58 0.00	18.41 0.59 0.00	16.77 0.56 0.00	17.85 0.73 0.95	20.03 0.78 0.00	18.54 0.73 0.12	20.78 0.80 0.00	22.15 0.94 0.00	21.91 1.08 0.00	23.24 1.25 0.00	19.93 1.03 0.00	20.26 1.09 0.00	20.11 1.13 0.00	23.18 1.30 0.00	22.10 1.17 0.00	22.23 1.03 0.00	21.64 0.90 0.00	21.60 0.89 0.00	18.77 0.75 0.00	20.97 0.69 0.00
LOVETT___4 23642	15.08 0.63 0.00	16.34 0.61 0.00	16.64 0.57 0.00	16.28 0.61 0.00	17.08 0.58 0.00	18.41 0.59 0.00	16.77 0.56 0.00	17.85 0.73 0.95	20.03 0.78 0.00	18.54 0.73 0.12	20.78 0.80 0.00	22.15 0.94 0.00	21.91 1.08 0.00	23.24 1.25 0.00	19.93 1.03 0.00	20.26 1.09 0.00	20.11 1.13 0.00	23.18 1.30 0.00	22.10 1.17 0.00	22.23 1.03 0.00	21.64 0.90 0.00	21.60 0.89 0.00	18.77 0.75 0.00	20.97 0.69 0.00
LOVETT___5 23593	15.08 0.63 0.00	16.34 0.61 0.00	16.64 0.57 0.00	16.28 0.61 0.00	17.08 0.58 0.00	18.41 0.59 0.00	16.77 0.56 0.00	17.85 0.73 0.95	20.03 0.78 0.00	18.54 0.73 0.12	20.78 0.80 0.00	22.15 0.94 0.00	21.91 1.08 0.00	23.24 1.25 0.00	19.93 1.03 0.00	20.26 1.09 0.00	20.11 1.13 0.00	23.18 1.30 0.00	22.10 1.17 0.00	22.23 1.03 0.00	21.64 0.90 0.00	21.60 0.89 0.00	18.77 0.75 0.00	20.97 0.69 0.00
LOWER_RAQUET___HYD 24057	14.54 0.09 0.00	15.89 0.16 0.00	16.31 0.23 0.00	15.88 0.20 0.00	16.75 0.26 0.00	18.18 0.36 0.00	16.58 0.37 0.00	18.50 0.43 0.00	19.75 0.51 0.00	18.42 0.49 0.00	20.50 0.53 0.00	21.69 0.48 0.00	21.26 0.42 0.00	22.36 0.36 0.00	19.18 0.28 0.00	19.23 0.07 0.00	18.76 -0.23 0.00	21.54 -0.34 0.00	20.64 -0.30 0.00	21.14 -0.06 0.00	21.16 0.42 0.00	21.20 0.50 0.00	18.38 0.36 0.00	20.63 0.36 0.00
LOWER___HUDSON 24059	15.09 0.64 0.00	16.38 0.65 0.00	16.69 0.62 0.00	16.31 0.64 0.00	17.11 0.62 0.00	18.46 0.64 0.00	16.84 0.63 0.00	18.90 0.70 -0.13	19.87 0.62 0.00	18.46 0.50 -0.02	20.57 0.59 0.00	21.93 0.73 0.00	21.47 0.64 0.00	22.75 0.75 0.00	19.52 0.61 0.00	19.81 0.64 0.00	19.72 0.74 0.00	22.80 0.92 0.00	21.81 0.87 0.00	22.07 0.86 0.00	21.49 0.76 0.00	21.50 0.79 0.00	18.72 0.70 0.00	20.94 0.66 0.00
LOWVILLE_115KV_TB2 356335	14.54 0.09 0.00	16.09 0.36 0.00	16.48 0.41 0.00	15.98 0.31 0.00	16.86 0.37 0.00	18.31 0.49 0.00	16.68 0.47 0.00	18.60 0.53 0.00	19.80 0.55 0.00	18.46 0.52 0.00	20.59 0.62 0.00	21.83 0.62 0.00	21.26 0.43 0.00	22.12 0.13 0.00	18.88 -0.03 0.00	19.08 -0.09 0.00	18.58 -0.41 0.00	21.41 -0.47 0.00	20.81 -0.13 0.00	21.74 0.54 0.00	21.42 0.68 0.00	21.37 0.66 0.00	18.52 0.50 0.00	20.67 0.40 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	15.34 0.88 0.00	16.65 0.92 0.00	16.98 0.91 0.00	16.58 0.90 0.00	17.42 0.93 0.00	18.81 0.99 0.00	17.19 0.98 0.00	19.28 1.09 -0.13	20.29 1.05 0.00	18.88 0.93 -0.02	21.03 1.05 0.00	22.39 1.19 0.00	21.90 1.07 0.00	23.23 1.24 0.00	19.93 1.02 0.00	20.21 1.04 0.00	20.11 1.12 0.00	23.32 1.44 0.00	22.32 1.39 0.00	22.56 1.36 0.00	22.01 1.27 0.00	21.98 1.27 0.00	19.11 1.09 0.00	21.39 1.12 0.00
LUTHERNY_35_KV_BK2 355980	15.34 0.88 0.00	16.65 0.92 0.00	16.97 0.90 0.00	16.57 0.90 0.00	17.41 0.91 0.00	18.81 0.99 0.00	17.19 0.98 0.00	19.30 1.10 -0.13	20.30 1.05 0.00	18.89 0.94 -0.02	21.05 1.07 0.00	22.41 1.20 0.00	21.91 1.08 0.00	23.26 1.26 0.00	19.93 1.03 0.00	20.22 1.06 0.00	20.13 1.14 0.00	23.33 1.45 0.00	22.34 1.40 0.00	22.59 1.38 0.00	22.04 1.30 0.00	21.98 1.27 0.00	19.10 1.09 0.00	21.40 1.13 0.00
LWR___OSWEGATCHIE_HYD 23850	14.55 0.09 0.00	15.98 0.26 0.00	16.38 0.31 0.00	15.92 0.25 0.00	16.81 0.32 0.00	18.24 0.41 0.00	16.65 0.44 0.00	18.57 0.50 0.00	19.79 0.55 0.00	18.45 0.52 0.00	20.53 0.56 0.00	21.73 0.52 0.00	21.21 0.38 0.00	22.17 0.17 0.00	18.98 0.07 0.00	19.14 -0.03 0.00	18.64 -0.34 0.00	21.45 -0.43 0.00	20.71 -0.22 0.00	21.44 0.24 0.00	21.30 0.56 0.00	21.30 0.59 0.00	18.47 0.45 0.00	20.68 0.41 0.00
LYONS_FALL_HYD 23570	14.61 0.15 0.00	16.07 0.33 0.00	16.43 0.36 0.00	15.97 0.30 0.00	16.83 0.34 0.00	18.26 0.44 0.00	16.61 0.39 0.00	18.52 0.45 0.00	19.72 0.48 0.00	18.40 0.46 0.00	20.54 0.57 0.00	21.79 0.58 0.00	21.28 0.45 0.00	22.29 0.29 0.00	19.06 0.16 0.00	19.23 0.07 0.00	18.84 -0.15 0.00	21.73 -0.14 0.00	21.02 0.08 0.00	21.71 0.51 0.00	21.31 0.58 0.00	21.26 0.56 0.00	18.45 0.43 0.00	20.65 0.38 0.00
MADISON___COUNTY_LFGE 323628	14.70 0.24 0.00	16.04 0.31 0.00	16.37 0.30 0.00	15.97 0.30 0.00	16.82 0.33 0.00	18.22 0.40 0.00	16.54 0.33 0.00	18.44 0.37 0.00	19.63 0.38 0.00	18.33 0.39 0.00	20.49 0.52 0.00	21.77 0.56 0.00	21.33 0.50 0.00	22.54 0.54 0.00	19.34 0.44 0.00	19.46 0.29 0.00	19.20 0.22 0.00	22.18 0.30 0.00	21.32 0.39 0.00	21.70 0.50 0.00	21.22 0.48 0.00	21.18 0.48 0.00	18.39 0.37 0.00	20.67 0.40 0.00
MALONE___115KV_TB1 356076	14.63 0.18 0.00	15.91 0.18 0.00	16.38 0.31 0.00	16.00 0.33 0.00	16.97 0.48 0.00	18.41 0.59 0.00	16.82 0.61 0.00	18.79 0.72 0.00	20.15 0.91 0.00	18.75 0.81 0.00	20.84 0.86 0.00	22.08 0.88 0.00	21.61 0.78 0.00	22.74 0.74 0.00	19.51 0.61 0.00	19.69 0.53 0.00	19.28 0.29 0.00	21.99 0.11 0.00	21.09 0.15 0.00	21.36 0.16 0.00	21.46 0.72 0.00	21.53 0.83 0.00	18.58 0.56 0.00	20.92 0.64 0.00
MAPLEWOD_115KV_TB3 80458	15.07 0.61 0.00	16.34 0.61 0.00	16.66 0.59 0.00	16.27 0.60 0.00	17.07 0.58 0.00	18.42 0.60 0.00	16.81 0.60 0.00	18.89 0.69 -0.13	19.88 0.64 0.00	18.47 0.52 -0.02	20.62 0.64 0.00	21.96 0.75 0.00	21.52 0.69 0.00	22.76 0.76 0.00	19.57 0.67 0.00	19.85 0.68 0.00	19.75 0.77 0.00	22.82 0.95 0.00	21.83 0.89 0.00	22.08 0.88 0.00	21.50 0.77 0.00	21.48 0.78 0.00	18.70 0.68 0.00	20.91 0.64 0.00
MAPLE RIDGE_WT_1 323574	14.15 -0.31 0.00	15.53 -0.20 0.00	16.00 -0.07 0.00	15.51 -0.16 0.00	16.33 -0.16 0.00	17.72 -0.10 0.00	16.14 -0.07 0.00	18.01 -0.06 0.00	19.19 -0.06 0.00	17.86 -0.07 0.00	19.93 -0.04 0.00	21.11 -0.10 0.00	20.77 -0.06 0.00	21.77 -0.23 0.00	18.63 -0.28 0.00	18.93 -0.24 0.00	18.55 -0.44 0.00	21.20 -0.67 0.00	20.37 -0.57 0.00	20.99 -0.21 0.00	20.64 -0.09 0.00	20.55 -0.15 0.00	17.82 -0.19 0.00	20.01 -0.26 0.00

MAPLE RIDGE_WT_2 323611	14.15 -0.31 0.00	15.53 -0.20 0.00	16.00 -0.07 0.00	15.51 -0.16 0.00	16.33 -0.16 0.00	17.72 -0.10 0.00	16.14 -0.07 0.00	18.01 -0.06 0.00	19.19 -0.06 0.00	17.86 -0.07 0.00	19.93 -0.04 0.00	21.11 -0.10 0.00	20.77 -0.06 0.00	21.77 -0.23 0.00	18.63 -0.28 0.00	18.93 -0.24 0.00	18.55 -0.44 0.00	21.20 -0.67 0.00	20.37 -0.57 0.00	20.99 -0.21 0.00	20.64 -0.09 0.00	20.55 -0.15 0.00	17.82 -0.19 0.00	20.01 -0.26 0.00
MARBLE RIVER_WT_PWR 323696	14.51 0.06 0.00	15.78 0.05 0.00	16.26 0.19 0.00	15.90 0.23 0.00	16.91 0.42 0.00	18.32 0.50 0.00	16.73 0.52 0.00	18.67 0.60 0.00	20.06 0.82 0.00	18.63 0.69 0.00	20.67 0.69 0.00	21.96 0.75 0.00	21.47 0.64 0.00	22.61 0.61 0.00	19.40 0.49 0.00	19.62 0.46 0.00	19.23 0.24 0.00	21.85 -0.02 0.00	20.95 0.01 0.00	21.14 -0.06 0.00	21.28 0.54 0.00	21.42 0.72 0.00	18.46 0.44 0.00	20.81 0.53 0.00
MARSHVLE_115KV_TB1 80742	15.47 1.02 0.00	16.84 1.11 0.00	17.22 1.15 0.00	16.73 1.06 0.00	17.72 1.23 0.00	19.20 1.38 0.00	17.54 1.33 0.00	19.62 1.46 -0.09	20.93 1.68 0.00	19.56 1.62 -0.01	21.79 1.82 0.00	23.00 1.80 0.00	22.47 1.64 0.00	23.74 1.74 0.00	20.36 1.46 0.00	20.64 1.47 0.00	20.27 1.29 0.00	23.41 1.53 0.00	22.49 1.55 0.00	22.74 1.54 0.00	22.38 1.65 0.00	22.39 1.68 0.00	19.40 1.38 0.00	21.87 1.60 0.00
MARSH_HILL_WT_PWR 323713	13.98 -0.47 0.00	15.22 -0.50 0.00	15.72 -0.36 0.00	15.27 -0.41 0.00	16.06 -0.43 0.00	17.48 -0.34 0.00	15.92 -0.29 0.00	17.98 -0.09 0.00	19.49 0.25 0.00	18.22 0.29 0.00	20.11 0.14 0.00	20.76 -0.45 0.00	19.66 -1.17 0.00	20.41 -1.59 0.00	17.83 -1.34 -0.27	21.20 -1.28 -3.32	22.95 -1.02 -4.99	21.09 -0.78 0.00	20.48 -0.46 0.00	20.98 -0.22 0.00	20.59 -0.15 0.00	20.56 -0.15 0.00	17.80 -0.22 0.00	20.22 -0.06 0.00
MCINTYRE_115KV_TB2 80467	14.71 0.26 0.00	16.07 0.34 0.00	16.48 0.41 0.00	16.05 0.37 0.00	16.93 0.43 0.00	18.39 0.57 0.00	16.79 0.58 0.00	18.74 0.67 0.00	20.00 0.75 0.00	18.65 0.72 0.00	20.75 0.78 0.00	21.91 0.70 0.00	21.47 0.64 0.00	22.64 0.64 0.00	19.45 0.55 0.00	19.59 0.42 0.00	19.21 0.23 0.00	22.14 0.26 0.00	21.18 0.24 0.00	21.60 0.39 0.00	21.49 0.76 0.00	21.48 0.77 0.00	18.61 0.59 0.00	20.88 0.60 0.00
MECO____69_KV_BK1 80468	15.74 1.28 0.00	17.25 1.52 0.00	17.55 1.48 0.00	17.15 1.47 0.00	18.01 1.52 0.00	19.67 1.85 0.00	17.81 1.59 0.00	19.94 1.77 -0.10	21.25 2.01 0.00	19.92 1.97 -0.01	22.40 2.43 0.00	23.60 2.40 0.00	22.84 2.01 0.00	24.58 2.59 0.00	20.95 2.04 0.00	20.95 1.78 0.00	20.56 1.58 0.00	23.90 2.02 0.00	23.04 2.10 0.00	23.26 2.06 0.00	22.82 2.09 0.00	22.80 2.10 0.00	19.72 1.71 0.00	22.16 1.89 0.00
MENANDS__115KV_TB5 355628	14.88 0.42 0.00	16.11 0.38 0.00	16.42 0.35 0.00	16.05 0.37 0.00	16.84 0.35 0.00	18.15 0.33 0.00	16.57 0.35 0.00	18.60 0.40 -0.13	19.59 0.35 0.00	18.20 0.25 -0.02	20.30 0.32 0.00	21.63 0.43 0.00	21.21 0.38 0.00	22.45 0.45 0.00	19.27 0.37 0.00	19.58 0.41 0.00	19.50 0.51 0.00	22.50 0.63 0.00	21.49 0.56 0.00	21.74 0.54 0.00	21.17 0.43 0.00	21.16 0.45 0.00	18.43 0.42 0.00	20.60 0.33 0.00
MG INDUSTRY___DRP 24185	14.92 0.46 0.00	16.18 0.45 0.00	16.50 0.43 0.00	16.12 0.44 0.00	16.92 0.43 0.00	18.25 0.43 0.00	16.65 0.43 0.00	18.67 0.48 -0.12	19.66 0.41 0.00	18.26 0.31 -0.02	20.35 0.37 0.00	21.69 0.48 0.00	21.28 0.44 0.00	22.51 0.51 0.00	19.33 0.43 0.00	19.65 0.48 0.00	19.56 0.57 0.00	22.56 0.68 0.00	21.54 0.61 0.00	21.81 0.61 0.00	21.26 0.52 0.00	21.24 0.54 0.00	18.50 0.49 0.00	20.73 0.46 0.00
MID___OSWEGATCHIE_HYD 23849	14.55 0.09 0.00	15.98 0.26 0.00	16.38 0.31 0.00	15.92 0.25 0.00	16.81 0.32 0.00	18.24 0.41 0.00	16.65 0.44 0.00	18.57 0.50 0.00	19.79 0.55 0.00	18.45 0.52 0.00	20.53 0.56 0.00	21.73 0.52 0.00	21.21 0.38 0.00	22.17 0.17 0.00	18.98 0.07 0.00	19.14 -0.03 0.00	18.64 -0.34 0.00	21.45 -0.43 0.00	20.71 -0.22 0.00	21.44 0.24 0.00	21.30 0.56 0.00	21.30 0.59 0.00	18.47 0.45 0.00	20.68 0.41 0.00
MID___RAQUETTE_HYD 23851	14.53 0.08 0.00	15.89 0.16 0.00	16.30 0.23 0.00	15.88 0.20 0.00	16.75 0.25 0.00	18.18 0.36 0.00	16.58 0.37 0.00	18.50 0.43 0.00	19.75 0.51 0.00	18.42 0.49 0.00	20.50 0.53 0.00	21.69 0.48 0.00	21.26 0.43 0.00	22.36 0.36 0.00	19.18 0.28 0.00	19.23 0.06 0.00	18.75 -0.23 0.00	21.54 -0.34 0.00	20.64 -0.30 0.00	21.14 -0.06 0.00	21.16 0.42 0.00	21.20 0.50 0.00	18.38 0.36 0.00	20.63 0.36 0.00
MILLIKEN___1 23584	14.63 0.17 0.00	15.92 0.19 0.00	16.27 0.20 0.00	15.86 0.19 0.00	16.72 0.23 0.00	18.09 0.27 0.00	16.44 0.23 0.00	18.35 0.28 0.00	19.53 0.29 0.00	18.21 0.27 0.00	20.26 0.28 0.00	21.45 0.24 0.00	21.11 0.28 0.00	22.30 0.30 0.00	19.17 0.27 0.00	19.39 0.22 0.00	19.19 0.21 0.00	22.09 0.21 0.00	21.21 0.27 0.00	21.54 0.34 0.00	21.04 0.31 0.00	21.01 0.31 0.00	18.25 0.23 0.00	20.57 0.30 0.00
MILLIKEN___2 23585	14.63 0.17 0.00	15.92 0.19 0.00	16.27 0.20 0.00	15.86 0.19 0.00	16.72 0.23 0.00	18.09 0.27 0.00	16.44 0.23 0.00	18.35 0.28 0.00	19.53 0.29 0.00	18.21 0.27 0.00	20.26 0.28 0.00	21.45 0.24 0.00	21.11 0.28 0.00	22.30 0.30 0.00	19.17 0.27 0.00	19.39 0.22 0.00	19.19 0.21 0.00	22.09 0.21 0.00	21.21 0.27 0.00	21.54 0.34 0.00	21.04 0.31 0.00	21.01 0.31 0.00	18.25 0.23 0.00	20.57 0.30 0.00
MILLIKEN___DIESEL 23629	14.63 0.17 0.00	15.92 0.19 0.00	16.27 0.20 0.00	15.86 0.19 0.00	16.72 0.23 0.00	18.09 0.27 0.00	16.44 0.23 0.00	18.35 0.28 0.00	19.53 0.29 0.00	18.21 0.27 0.00	20.26 0.28 0.00	21.45 0.24 0.00	21.11 0.28 0.00	22.30 0.30 0.00	19.17 0.27 0.00	19.39 0.22 0.00	19.19 0.21 0.00	22.09 0.21 0.00	21.21 0.27 0.00	21.54 0.34 0.00	21.04 0.31 0.00	21.01 0.31 0.00	18.25 0.23 0.00	20.57 0.30 0.00
MILLSEAT___LFGE 323607	14.22 -0.24 0.00	15.51 -0.22 0.00	15.91 -0.16 0.00	15.45 -0.22 0.00	16.32 -0.17 0.00	17.83 0.00 0.00	16.08 -0.13 0.00	17.93 -0.13 0.00	19.09 -0.16 0.00	18.00 0.06 0.00	19.94 -0.03 0.00	20.87 -0.34 0.00	20.37 -0.46 0.00	21.25 -0.75 0.00	18.23 -0.61 0.06	17.72 -0.65 0.79	17.02 -0.77 1.19	20.96 -0.92 0.00	20.19 -0.75 0.00	20.47 -0.74 0.00	20.01 -0.73 0.00	19.91 -0.80 0.00	17.52 -0.49 0.00	19.97 -0.30 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	15.14 0.68 0.00	16.39 0.66 0.00	16.69 0.62 0.00	16.33 0.65 0.00	17.13 0.64 0.00	18.47 0.64 0.00	16.85 0.63 0.00	19.61 0.81 -0.73	20.11 0.87 0.00	18.84 0.81 -0.09	20.86 0.88 0.00	22.24 1.03 0.00	21.98 1.14 0.00	23.30 1.30 0.00	19.99 1.08 0.00	20.31 1.14 0.00	20.17 1.18 0.00	23.25 1.37 0.00	22.17 1.23 0.00	22.30 1.10 0.00	21.71 0.97 0.00	21.67 0.96 0.00	18.83 0.81 0.00	21.02 0.75 0.00

MILLWOOD_13_KV_LOAD 356217	15.16 0.71 0.00	16.42 0.69 0.00	16.73 0.66 0.00	16.36 0.69 0.00	17.17 0.67 0.00	18.50 0.68 0.00	16.88 0.67 0.00	19.65 0.85 -0.73	20.16 0.91 0.00	18.88 0.85 -0.09	20.90 0.93 0.00	22.29 1.09 0.00	22.02 1.19 0.00	23.36 1.36 0.00	20.04 1.14 0.00	20.37 1.20 0.00	20.22 1.24 0.00	23.31 1.43 0.00	22.23 1.29 0.00	22.37 1.17 0.00	21.76 1.03 0.00	21.72 1.01 0.00	18.87 0.86 0.00	21.07 0.80 0.00
MODEL_CITY_ENERGY 24167	13.94 -0.51 0.00	15.21 -0.52 0.00	15.61 -0.46 0.00	15.16 -0.51 0.00	16.01 -0.48 0.00	17.48 -0.34 0.00	15.75 -0.46 0.00	17.50 -0.57 0.00	18.63 -0.61 0.00	17.55 -0.38 0.00	19.49 -0.48 0.00	20.38 -0.82 0.00	19.88 -0.95 0.00	20.74 -1.26 0.00	17.80 -1.05 0.06	17.34 -1.08 0.75	16.71 -1.14 1.13	20.47 -1.41 0.00	19.70 -1.24 0.00	19.95 -1.25 0.00	19.45 -1.29 0.00	19.34 -1.36 0.00	17.08 -0.94 0.00	19.52 -0.76 0.00
MODERN_LFGE_ 323580	13.94 -0.51 0.00	15.21 -0.52 0.00	15.61 -0.46 0.00	15.16 -0.51 0.00	16.01 -0.48 0.00	17.48 -0.34 0.00	15.75 -0.46 0.00	17.50 -0.57 0.00	18.63 -0.61 0.00	17.55 -0.38 0.00	19.49 -0.48 0.00	20.38 -0.82 0.00	19.88 -0.95 0.00	20.74 -1.26 0.00	17.80 -1.05 0.06	17.34 -1.08 0.75	16.71 -1.14 1.13	20.47 -1.41 0.00	19.70 -1.24 0.00	19.95 -1.25 0.00	19.45 -1.29 0.00	19.34 -1.36 0.00	17.08 -0.94 0.00	19.52 -0.76 0.00
MOHAWK_PAPER___DRP 24187	15.07 0.61 0.00	16.34 0.61 0.00	16.66 0.59 0.00	16.27 0.60 0.00	17.07 0.58 0.00	18.42 0.60 0.00	16.81 0.60 0.00	18.89 0.69 -0.13	19.88 0.64 0.00	18.47 0.52 -0.02	20.62 0.64 0.00	21.96 0.75 0.00	21.52 0.69 0.00	22.76 0.76 0.00	19.57 0.67 0.00	19.85 0.68 0.00	19.75 0.77 0.00	22.82 0.95 0.00	21.83 0.89 0.00	22.08 0.88 0.00	21.50 0.77 0.00	21.48 0.78 0.00	18.70 0.68 0.00	20.91 0.64 0.00
MOHICAN___35_KV_115KV_LD 80490	15.56 1.11 0.00	16.90 1.17 0.00	17.22 1.15 0.00	16.81 1.14 0.00	17.70 1.20 0.00	19.14 1.32 0.00	17.53 1.32 0.00	19.62 1.42 -0.13	20.64 1.39 0.00	19.19 1.24 -0.02	21.36 1.38 0.00	22.76 1.55 0.00	22.17 1.34 0.00	23.57 1.57 0.00	20.17 1.26 0.00	20.42 1.25 0.00	20.36 1.38 0.00	23.77 1.89 0.00	22.75 1.82 0.00	22.95 1.75 0.00	22.42 1.68 0.00	22.43 1.73 0.00	19.50 1.48 0.00	21.80 1.53 0.00
MONGAUP___HYD 23641	15.08 0.62 0.00	16.36 0.63 0.00	16.65 0.58 0.00	16.29 0.61 0.00	17.07 0.58 0.00	18.45 0.63 0.00	16.77 0.56 0.00	18.20 0.72 0.59	20.00 0.76 0.00	18.52 0.65 0.07	20.64 0.66 0.00	21.92 0.71 0.00	21.56 0.73 0.00	22.89 0.89 0.00	19.67 0.76 0.00	20.00 0.83 0.00	19.92 0.94 0.00	23.03 1.15 0.00	22.00 1.06 0.00	22.18 0.98 0.00	21.62 0.88 0.00	21.60 0.90 0.00	18.78 0.76 0.00	21.00 0.73 0.00
MONTAUK___DIESEL 23721	35.14 1.44 -19.24	21.01 1.50 -3.79	20.10 1.55 -2.48	17.57 1.55 -0.35	19.94 1.65 -1.80	21.72 1.64 -2.26	27.55 1.56 -9.78	34.04 1.86 -14.11	33.58 1.98 -12.35	65.78 1.86 -45.99	39.63 1.91 -17.74	30.31 2.16 -6.95	25.99 2.14 -3.02	27.39 2.30 -3.09	30.17 1.92 -9.35	318.18 1.79 -297.22	26.15 2.00 -5.16	24.33 2.46 0.00	43.49 2.37 -20.18	31.50 2.44 -7.85	30.69 2.24 -7.72	33.91 2.11 -11.09	22.75 1.85 -2.89	22.73 1.80 -0.66
MOONROAD_115KV_HARTFLD_TB1-2 355988	14.21 -0.25 0.00	15.61 -0.12 0.00	16.18 0.11 0.00	15.78 0.11 0.00	16.69 0.19 0.00	18.10 0.28 0.00	16.40 0.18 0.00	18.58 0.51 0.00	20.04 0.80 0.00	18.90 0.97 0.00	21.04 1.06 0.00	22.05 0.84 0.00	21.38 0.54 0.00	22.19 0.19 0.00	19.11 0.23 0.02	19.25 0.30 0.22	18.95 0.30 0.33	22.06 0.18 0.00	21.26 0.32 0.00	21.55 0.35 0.00	20.97 0.24 0.00	20.96 0.26 0.00	18.12 0.10 0.00	20.50 0.23 0.00
MORTIMER_115KV_TB3 55949	14.31 -0.15 0.00	15.58 -0.15 0.00	15.96 -0.11 0.00	15.52 -0.16 0.00	16.38 -0.11 0.00	17.81 -0.02 0.00	16.15 -0.07 0.00	17.99 -0.08 0.00	19.20 -0.05 0.00	17.99 0.05 0.00	20.00 0.03 0.00	21.06 -0.15 0.00	20.57 -0.26 0.00	21.55 -0.45 0.00	18.53 -0.37 0.00	18.78 -0.38 0.00	18.58 -0.40 0.00	21.37 -0.51 0.00	20.54 -0.40 0.00	20.82 -0.38 0.00	20.34 -0.40 0.00	20.26 -0.45 0.00	17.74 -0.28 0.00	20.12 -0.15 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	15.22 0.76 0.00	16.48 0.75 0.00	16.78 0.71 0.00	16.42 0.75 0.00	17.22 0.73 0.00	18.55 0.73 0.00	16.95 0.73 -0.66	19.65 0.92 0.00	20.23 0.99 0.00	18.96 0.94 -0.08	21.00 1.03 0.00	22.39 1.18 0.00	22.14 1.31 0.00	23.48 1.49 0.00	20.15 1.24 0.00	20.47 1.31 0.00	20.33 1.34 0.00	23.42 1.54 0.00	22.33 1.40 0.00	22.46 1.26 0.00	21.83 1.10 0.00	21.79 1.08 0.00	18.93 0.92 0.00	21.13 0.85 0.00
MUNSVILLE_WIND_PWR 323609	15.23 0.77 0.00	16.57 0.84 0.00	16.89 0.82 0.00	16.42 0.75 0.00	17.51 1.01 0.00	18.95 1.13 0.00	17.21 1.00 0.00	19.25 1.19 0.00	20.40 1.16 0.00	18.94 1.00 0.00	21.10 1.12 0.00	22.22 1.01 0.00	22.00 1.16 0.00	23.23 1.23 0.00	20.11 1.21 0.00	20.23 1.06 0.00	19.96 0.97 0.00	22.98 1.11 0.00	21.96 1.03 0.00	22.62 1.42 0.00	22.21 1.47 0.00	22.17 1.46 0.00	19.13 1.12 0.00	21.48 1.20 0.00
N SALMON___HYD 24042	14.63 0.17 0.00	15.91 0.18 0.00	16.37 0.30 0.00	16.00 0.33 0.00	16.97 0.48 0.00	18.41 0.59 0.00	16.82 0.61 0.00	18.79 0.72 0.00	20.15 0.91 0.00	18.75 0.81 0.00	20.83 0.86 0.00	22.09 0.88 0.00	21.61 0.78 0.00	22.74 0.74 0.00	19.51 0.61 0.00	19.70 0.53 0.00	19.28 0.29 0.00	21.99 0.11 0.00	21.09 0.14 0.00	21.36 0.16 0.00	21.46 0.72 0.00	21.53 0.83 0.00	18.58 0.56 0.00	20.92 0.65 0.00
N.AKRON___115KV_KNAPP 355671	14.20 -0.26 0.00	15.50 -0.23 0.00	15.90 -0.17 0.00	15.43 -0.24 0.00	16.32 -0.17 0.00	17.81 -0.01 0.00	16.07 -0.14 0.00	17.90 -0.17 0.00	19.07 -0.17 0.00	17.92 -0.01 0.00	19.91 -0.06 0.00	20.86 -0.35 0.00	20.37 -0.46 0.00	21.24 -0.76 0.00	18.23 -0.61 0.06	17.75 -0.63 0.79	17.10 -0.70 1.19	21.00 -0.88 0.00	20.22 -0.72 0.00	20.49 -0.71 0.00	20.01 -0.73 0.00	19.91 -0.80 0.00	17.53 -0.49 0.00	19.97 -0.30 0.00
N.BELMOR_69_KV_BK1 55787	34.71 1.01 -19.24	20.52 1.01 -3.79	19.53 0.98 -2.48	17.01 0.99 -0.35	19.30 1.01 -1.80	21.11 1.02 -2.26	27.00 1.01 -9.78	33.42 1.24 -14.11	32.91 1.32 -12.35	65.14 1.22 -45.99	38.96 1.24 -17.74	29.60 1.44 -6.95	25.37 1.52 -3.02	26.77 1.69 -3.09	29.66 1.41 -9.35	293.72 1.49 -273.06	25.70 1.56 -5.16	23.63 1.75 0.00	42.17 1.62 -19.61	30.62 1.57 -7.85	29.87 1.42 -7.72	33.22 1.43 -11.09	22.16 1.26 -2.89	22.13 1.20 -0.66
N.E._GEN_SANDY PD 24062	14.78 0.59 0.27	16.32 0.59 0.00	16.63 0.56 0.00	16.26 0.58 0.00	17.05 0.56 0.00	18.39 0.57 0.00	16.78 0.56 0.00	18.95 0.66 -0.22	19.86 0.60 -0.01	18.27 0.49 0.16	20.53 0.56 0.00	21.99 0.71 -0.08	21.37 0.67 0.13	22.77 0.77 0.00	19.51 0.61 0.00	19.81 0.64 0.00	19.72 0.74 0.00	22.79 0.91 0.00	21.76 0.82 0.00	21.99 0.78 0.00	21.40 0.66 0.00	21.41 0.70 0.00	18.88 0.62 -0.23	20.72 0.56 0.11

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	15.10 0.65 0.00	16.36 0.63 0.00	16.66 0.59 0.00	16.30 0.63 0.00	17.09 0.60 0.00	18.43 0.61 0.00	16.79 0.58 0.00	17.88 0.75 0.94	20.05 0.81 0.00	18.57 0.76 0.12	20.81 0.83 0.00	22.19 0.98 0.00	21.95 1.12 0.00	23.29 1.29 0.00	19.97 1.06 0.00	20.30 1.13 0.00	20.15 1.16 0.00	23.22 1.34 0.00	22.14 1.21 0.00	22.26 1.06 0.00	21.68 0.94 0.00	21.63 0.93 0.00	18.79 0.78 0.00	21.00 0.72 0.00
N.QUEENS_27_KV_LOAD 356247	15.25 0.79 0.00	16.51 0.78 0.00	16.82 0.75 0.00	16.44 0.76 0.00	17.24 0.75 0.00	18.55 0.73 0.00	16.97 0.75 0.00	19.69 0.96 -0.66	20.27 1.03 0.00	18.99 0.97 -0.08	21.00 1.03 0.00	22.40 1.19 0.00	22.15 1.32 0.00	23.49 1.49 0.00	20.16 1.25 0.00	20.47 1.31 0.00	20.32 1.34 0.00	23.40 1.53 0.00	22.30 1.37 0.00	22.47 1.27 0.00	21.83 1.09 0.00	21.79 1.08 0.00	18.96 0.94 0.00	21.12 0.85 0.00
N.TROY___115KV_TB1 355778	15.09 0.63 0.00	16.38 0.65 0.00	16.69 0.62 0.00	16.31 0.64 0.00	17.11 0.62 0.00	18.47 0.64 0.00	16.84 0.63 0.00	18.90 0.70 -0.13	19.87 0.62 0.00	18.45 0.50 -0.02	20.57 0.59 0.00	21.93 0.73 0.00	21.47 0.64 0.00	22.75 0.75 0.00	19.52 0.61 0.00	19.81 0.64 0.00	19.72 0.74 0.00	22.80 0.92 0.00	21.81 0.87 0.00	22.07 0.86 0.00	21.49 0.76 0.00	21.50 0.79 0.00	18.72 0.70 0.00	20.94 0.66 0.00
NARROWS_GT1_1 24228	15.28 0.82 0.00	16.55 0.82 0.00	16.86 0.79 0.00	16.48 0.81 0.00	17.30 0.81 0.00	18.65 0.83 0.00	17.04 0.82 0.00	19.73 1.00 -0.66	20.31 1.07 0.00	19.05 1.03 -0.08	21.10 1.12 0.00	22.49 1.28 0.00	22.24 1.41 0.00	23.59 1.59 0.00	20.25 1.35 0.00	20.60 1.43 -0.01	20.44 1.45 0.00	23.55 1.67 0.00	22.44 1.50 0.00	22.58 1.38 0.00	21.96 1.22 -0.01	21.91 1.20 -0.01	19.04 1.02 0.00	21.22 0.94 0.00
NARROWS_GT1_2 24229	15.28 0.82 0.00	16.55 0.82 0.00	16.86 0.79 0.00	16.48 0.81 0.00	17.30 0.81 0.00	18.65 0.83 0.00	17.04 0.82 0.00	19.73 1.00 -0.66	20.31 1.07 0.00	19.05 1.03 -0.08	21.10 1.12 0.00	22.49 1.28 0.00	22.24 1.41 0.00	23.59 1.59 0.00	20.25 1.35 0.00	20.60 1.43 -0.01	20.44 1.45 0.00	23.55 1.67 0.00	22.44 1.50 0.00	22.58 1.38 0.00	21.96 1.22 -0.01	21.91 1.20 -0.01	19.04 1.02 0.00	21.22 0.94 0.00
NARROWS_GT1_3 24230	15.28 0.82 0.00	16.55 0.82 0.00	16.86 0.79 0.00	16.48 0.81 0.00	17.30 0.81 0.00	18.65 0.83 0.00	17.04 0.82 0.00	19.73 1.00 -0.66	20.31 1.07 0.00	19.05 1.03 -0.08	21.10 1.12 0.00	22.49 1.28 0.00	22.24 1.41 0.00	23.59 1.59 0.00	20.25 1.35 0.00	20.60 1.43 -0.01	20.44 1.45 0.00	23.55 1.67 0.00	22.44 1.50 0.00	22.58 1.38 0.00	21.96 1.22 -0.01	21.91 1.20 -0.01	19.04 1.02 0.00	21.22 0.94 0.00
NARROWS_GT1_4 24231	15.28 0.82 0.00	16.55 0.82 0.00	16.86 0.79 0.00	16.48 0.81 0.00	17.30 0.81 0.00	18.65 0.83 0.00	17.04 0.82 0.00	19.73 1.00 -0.66	20.31 1.07 0.00	19.05 1.03 -0.08	21.10 1.12 0.00	22.49 1.28 0.00	22.24 1.41 0.00	23.59 1.59 0.00	20.25 1.35 0.00	20.60 1.43 -0.01	20.44 1.45 0.00	23.55 1.67 0.00	22.44 1.50 0.00	22.58 1.38 0.00	21.96 1.22 -0.01	21.91 1.20 -0.01	19.04 1.02 0.00	21.22 0.94 0.00
NARROWS_GT1_5 24232	15.28 0.82 0.00	16.55 0.82 0.00	16.86 0.79 0.00	16.48 0.81 0.00	17.30 0.81 0.00	18.65 0.83 0.00	17.04 0.82 0.00	19.73 1.00 -0.66	20.31 1.07 0.00	19.05 1.03 -0.08	21.10 1.12 0.00	22.49 1.28 0.00	22.24 1.41 0.00	23.59 1.59 0.00	20.25 1.35 0.00	20.60 1.43 -0.01	20.44 1.45 0.00	23.55 1.67 0.00	22.44 1.50 0.00	22.58 1.38 0.00	21.96 1.22 -0.01	21.91 1.20 -0.01	19.04 1.02 0.00	21.22 0.94 0.00
NARROWS_GT1_6 24233	15.28 0.82 0.00	16.55 0.82 0.00	16.86 0.79 0.00	16.48 0.81 0.00	17.30 0.81 0.00	18.65 0.83 0.00	17.04 0.82 0.00	19.73 1.00 -0.66	20.31 1.07 0.00	19.05 1.03 -0.08	21.10 1.12 0.00	22.49 1.28 0.00	22.24 1.41 0.00	23.59 1.59 0.00	20.25 1.35 0.00	20.60 1.43 -0.01	20.44 1.45 0.00	23.55 1.67 0.00	22.44 1.50 0.00	22.58 1.38 0.00	21.96 1.22 -0.01	21.91 1.20 -0.01	19.04 1.02 0.00	21.22 0.94 0.00
NARROWS_GT1_7 24234	15.28 0.82 0.00	16.55 0.82 0.00	16.86 0.79 0.00	16.48 0.81 0.00	17.30 0.81 0.00	18.65 0.83 0.00	17.04 0.82 0.00	19.73 1.00 -0.66	20.31 1.07 0.00	19.05 1.03 -0.08	21.10 1.12 0.00	22.49 1.28 0.00	22.24 1.41 0.00	23.59 1.59 0.00	20.25 1.35 0.00	20.60 1.43 -0.01	20.44 1.45 0.00	23.55 1.67 0.00	22.44 1.50 0.00	22.58 1.38 0.00	21.96 1.22 -0.01	21.91 1.20 -0.01	19.04 1.02 0.00	21.22 0.94 0.00
NARROWS_GT1_8 24235	15.28 0.82 0.00	16.55 0.82 0.00	16.86 0.79 0.00	16.48 0.81 0.00	17.30 0.81 0.00	18.65 0.83 0.00	17.04 0.82 0.00	19.73 1.00 -0.66	20.31 1.07 0.00	19.05 1.03 -0.08	21.10 1.12 0.00	22.49 1.28 0.00	22.24 1.41 0.00	23.59 1.59 0.00	20.25 1.35 0.00	20.60 1.43 -0.01	20.44 1.45 0.00	23.55 1.67 0.00	22.44 1.50 0.00	22.58 1.38 0.00	21.96 1.22 -0.01	21.91 1.20 -0.01	19.04 1.02 0.00	21.22 0.94 0.00
NARROWS_GT2_1 24236	15.28 0.82 0.00	16.55 0.82 0.00	16.86 0.79 0.00	16.48 0.81 0.00	17.30 0.81 0.00	18.65 0.83 0.00	17.04 0.82 0.00	19.73 1.00 -0.66	20.31 1.07 0.00	19.05 1.03 -0.08	21.10 1.12 0.00	22.49 1.28 0.00	22.24 1.41 0.00	23.59 1.59 0.00	20.25 1.35 0.00	20.60 1.43 -0.01	20.44 1.45 0.00	23.55 1.67 0.00	22.44 1.50 0.00	22.58 1.38 0.00	21.96 1.22 -0.01	21.91 1.20 -0.01	19.04 1.02 0.00	21.22 0.94 0.00
NARROWS_GT2_2 24237	15.28 0.82 0.00	16.55 0.82 0.00	16.86 0.79 0.00	16.48 0.81 0.00	17.30 0.81 0.00	18.65 0.83 0.00	17.04 0.82 0.00	19.73 1.00 -0.66	20.31 1.07 0.00	19.05 1.03 -0.08	21.10 1.12 0.00	22.49 1.28 0.00	22.24 1.41 0.00	23.59 1.59 0.00	20.25 1.35 0.00	20.60 1.43 -0.01	20.44 1.45 0.00	23.55 1.67 0.00	22.44 1.50 0.00	22.58 1.38 0.00	21.96 1.22 -0.01	21.91 1.20 -0.01	19.04 1.02 0.00	21.22 0.94 0.00
NARROWS_GT2_3 24238	15.28 0.82 0.00	16.55 0.82 0.00	16.86 0.79 0.00	16.48 0.81 0.00	17.30 0.81 0.00	18.65 0.83 0.00	17.04 0.82 0.00	19.73 1.00 -0.66	20.31 1.07 0.00	19.05 1.03 -0.08	21.10 1.12 0.00	22.49 1.28 0.00	22.24 1.41 0.00	23.59 1.59 0.00	20.25 1.35 0.00	20.60 1.43 -0.01	20.44 1.45 0.00	23.55 1.67 0.00	22.44 1.50 0.00	22.58 1.38 0.00	21.96 1.22 -0.01	21.91 1.20 -0.01	19.04 1.02 0.00	21.22 0.94 0.00
NARROWS_GT2_4 24239	15.28 0.82 0.00	16.55 0.82 0.00	16.86 0.79 0.00	16.48 0.81 0.00	17.30 0.81 0.00	18.65 0.83 0.00	17.04 0.82 0.00	19.73 1.00 -0.66	20.31 1.07 0.00	19.05 1.03 -0.08	21.10 1.12 0.00	22.49 1.28 0.00	22.24 1.41 0.00	23.59 1.59 0.00	20.25 1.35 0.00	20.60 1.43 -0.01	20.44 1.45 0.00	23.55 1.67 0.00	22.44 1.50 0.00	22.58 1.38 0.00	21.96 1.22 -0.01	21.91 1.20 -0.01	19.04 1.02 0.00	21.22 0.94 0.00

NARROWS_GT2_5 24240	15.28 0.82 0.00	16.55 0.82 0.00	16.86 0.79 0.00	16.48 0.81 0.00	17.30 0.81 0.00	18.65 0.83 0.00	17.04 0.82 0.00	19.73 1.00 -0.66	20.31 1.07 0.00	19.05 1.03 -0.08	21.10 1.12 0.00	22.49 1.28 0.00	22.24 1.41 0.00	23.59 1.59 0.00	20.25 1.35 0.00	20.60 1.43 -0.01	20.44 1.45 0.00	23.55 1.67 0.00	22.44 1.50 0.00	22.58 1.38 0.00	21.96 1.22 -0.01	21.91 1.20 -0.01	19.04 1.02 0.00	21.22 0.94 0.00
NARROWS_GT2_6 24241	15.28 0.82 0.00	16.55 0.82 0.00	16.86 0.79 0.00	16.48 0.81 0.00	17.30 0.81 0.00	18.65 0.83 0.00	17.04 0.82 0.00	19.73 1.00 -0.66	20.31 1.07 0.00	19.05 1.03 -0.08	21.10 1.12 0.00	22.49 1.28 0.00	22.24 1.41 0.00	23.59 1.59 0.00	20.25 1.35 0.00	20.60 1.43 -0.01	20.44 1.45 0.00	23.55 1.67 0.00	22.44 1.50 0.00	22.58 1.38 0.00	21.96 1.22 -0.01	21.91 1.20 -0.01	19.04 1.02 0.00	21.22 0.94 0.00
NARROWS_GT2_7 24242	15.28 0.82 0.00	16.55 0.82 0.00	16.86 0.79 0.00	16.48 0.81 0.00	17.30 0.81 0.00	18.65 0.83 0.00	17.04 0.82 0.00	19.73 1.00 -0.66	20.31 1.07 0.00	19.05 1.03 -0.08	21.10 1.12 0.00	22.49 1.28 0.00	22.24 1.41 0.00	23.59 1.59 0.00	20.25 1.35 0.00	20.60 1.43 -0.01	20.44 1.45 0.00	23.55 1.67 0.00	22.44 1.50 0.00	22.58 1.38 0.00	21.96 1.22 -0.01	21.91 1.20 -0.01	19.04 1.02 0.00	21.22 0.94 0.00
NARROWS_GT2_8 24243	15.28 0.82 0.00	16.55 0.82 0.00	16.86 0.79 0.00	16.48 0.81 0.00	17.30 0.81 0.00	18.65 0.83 0.00	17.04 0.82 0.00	19.73 1.00 -0.66	20.31 1.07 0.00	19.05 1.03 -0.08	21.10 1.12 0.00	22.49 1.28 0.00	22.24 1.41 0.00	23.59 1.59 0.00	20.25 1.35 0.00	20.60 1.43 -0.01	20.44 1.45 0.00	23.55 1.67 0.00	22.44 1.50 0.00	22.58 1.38 0.00	21.96 1.22 -0.01	21.91 1.20 -0.01	19.04 1.02 0.00	21.22 0.94 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	15.11 0.66 0.00	16.35 0.62 0.00	16.68 0.61 0.00	16.28 0.61 0.00	17.11 0.61 0.00	18.45 0.63 0.00	16.91 0.70 0.00	18.94 0.77 -0.09	19.92 0.67 0.00	18.45 0.51 -0.01	20.58 0.61 0.00	21.96 0.76 0.00	21.52 0.69 0.00	22.75 0.75 0.00	19.48 0.57 0.00	19.95 0.78 0.00	19.87 0.89 0.00	22.94 1.06 0.00	21.85 0.91 0.00	22.19 0.99 0.00	21.63 0.89 0.00	21.60 0.89 0.00	18.78 0.77 0.00	20.99 0.71 0.00
NCHELSEA_115KV_TR2 355582	15.22 0.77 0.00	16.49 0.76 0.00	16.79 0.72 0.00	16.42 0.75 0.00	17.24 0.75 0.00	18.59 0.77 0.00	16.98 0.77 0.00	19.03 0.96 0.00	20.26 1.02 0.00	18.86 0.93 0.00	20.98 1.01 0.00	22.36 1.16 0.00	22.06 1.23 0.00	23.39 1.40 0.00	20.09 1.19 0.00	20.41 1.24 0.00	20.28 1.29 0.00	23.39 1.52 0.00	22.32 1.38 0.00	22.46 1.26 0.00	21.86 1.13 0.00	21.82 1.11 0.00	18.95 0.94 0.00	21.17 0.90 0.00
NEG CAPITAL___MECHNVIL 23645	15.33 0.87 0.00	16.63 0.91 0.00	16.95 0.88 0.00	16.56 0.89 0.00	17.40 0.90 0.00	18.79 0.97 0.00	17.17 0.96 0.00	19.27 1.07 -0.13	20.27 1.02 0.00	18.86 0.90 -0.02	21.02 1.04 0.00	22.39 1.18 0.00	21.89 1.06 0.00	23.22 1.22 0.00	19.93 1.02 0.00	20.21 1.04 0.00	20.10 1.11 0.00	23.30 1.42 0.00	22.31 1.37 0.00	22.55 1.35 0.00	22.00 1.26 0.00	21.96 1.25 0.00	19.09 1.07 0.00	21.36 1.09 0.00
NEG CENTRAL_HIGH_ACRES 23767	14.04 -0.41 0.00	15.29 -0.44 0.00	15.65 -0.42 0.00	15.23 -0.44 0.00	16.06 -0.43 0.00	17.46 -0.36 0.00	15.83 -0.38 0.00	17.66 -0.41 0.00	18.86 -0.38 0.00	17.64 -0.29 0.00	19.63 -0.34 0.00	20.71 -0.50 0.00	20.24 -0.59 0.00	21.21 -0.79 0.00	18.24 -0.67 0.00	18.47 -0.70 0.00	18.27 -0.71 0.00	21.06 -0.81 0.00	20.23 -0.70 0.00	20.51 -0.69 0.00	20.04 -0.70 0.00	19.95 -0.76 0.00	17.42 -0.60 0.00	19.73 -0.54 0.00
NEG CENTRAL___DRP 24199	14.39 -0.06 0.00	15.67 -0.06 0.00	16.03 -0.04 0.00	15.62 -0.06 0.00	16.47 -0.02 0.00	17.82 0.00 0.00	16.22 0.01 0.00	18.10 0.03 0.00	19.32 0.07 0.00	18.03 0.10 0.00	20.06 0.09 0.00	21.20 -0.01 0.00	20.76 -0.08 0.00	21.84 -0.16 0.00	18.80 -0.13 -0.03	19.37 -0.13 -0.34	19.34 -0.15 -0.51	21.71 -0.16 0.00	20.86 -0.08 0.00	21.19 -0.01 0.00	20.69 -0.05 0.00	20.65 -0.06 0.00	17.96 -0.06 0.00	20.29 0.02 0.00
NEG CENTRAL___INDECK 23768	14.57 0.11 0.00	15.86 0.13 0.00	16.27 0.20 0.00	15.82 0.14 0.00	16.69 0.20 0.00	18.19 0.37 0.00	16.53 0.32 0.00	18.41 0.35 0.00	19.57 0.33 0.00	18.25 0.31 0.00	20.22 0.24 0.00	21.09 -0.11 0.00	20.40 -0.43 0.00	21.32 -0.68 0.00	18.58 -0.59 -0.27	21.81 -0.64 -3.29	23.46 -0.46 -4.94	21.56 -0.32 0.00	20.84 -0.09 0.00	21.34 0.14 0.00	20.99 0.26 0.00	20.98 0.27 0.00	18.27 0.25 0.00	20.75 0.47 0.00
NEG CENTRAL___SENECA 23627	14.38 -0.07 0.00	15.68 -0.05 0.00	16.04 -0.03 0.00	15.63 -0.04 0.00	16.47 -0.02 0.00	17.84 0.02 0.00	16.21 0.00 0.00	18.13 0.06 0.00	19.37 0.13 0.00	18.11 0.17 0.00	20.15 0.18 0.00	21.25 0.04 0.00	20.78 -0.06 0.00	21.84 -0.16 0.00	18.83 -0.12 -0.04	19.57 -0.14 -0.55	19.64 -0.16 -0.82	21.69 -0.18 0.00	20.87 -0.07 0.00	21.22 0.02 0.00	20.71 -0.03 0.00	20.66 -0.04 0.00	17.97 -0.05 0.00	20.32 0.05 0.00
NEG CENTRAL___STATE_STREET 24147	14.57 0.12 0.00	15.80 0.07 0.00	16.17 0.10 0.00	15.72 0.05 0.00	16.64 0.15 0.00	17.93 0.11 0.00	16.42 0.21 0.00	18.30 0.23 0.00	19.49 0.25 0.00	18.14 0.20 0.00	20.11 0.14 0.00	21.31 0.10 0.00	20.91 0.08 0.00	22.02 0.02 0.00	18.94 0.03 0.00	19.31 0.14 0.00	19.12 0.13 0.00	22.04 0.16 0.00	21.15 0.21 0.00	21.46 0.26 0.00	20.96 0.22 0.00	20.92 0.21 0.00	18.19 0.17 0.00	20.53 0.26 0.00
NEG MILLWOOD___DRP 24198	15.26 0.80 0.00	16.53 0.80 0.00	16.83 0.76 0.00	16.46 0.78 0.00	17.28 0.78 0.00	18.63 0.81 0.00	17.03 0.82 0.00	19.34 1.03 -0.25	20.34 1.10 0.00	18.96 1.00 -0.03	21.07 1.10 0.00	22.45 1.25 0.00	22.16 1.33 0.00	23.49 1.49 0.00	20.18 1.28 0.00	20.49 1.32 0.00	20.35 1.37 0.00	23.49 1.61 0.00	22.41 1.47 0.00	22.54 1.34 0.00	21.94 1.20 0.00	21.89 1.18 0.00	19.01 0.99 0.00	21.22 0.94 0.00
NEG NORTH_FLCN_SEA 23793	14.71 0.26 0.00	15.94 0.21 0.00	16.43 0.35 0.00	16.06 0.39 0.00	17.08 0.59 0.00	18.50 0.68 0.00	16.93 0.72 0.00	18.87 0.80 0.00	20.32 1.08 0.00	18.84 0.90 0.00	20.90 0.92 0.00	22.21 1.01 0.00	21.70 0.86 0.00	22.86 0.86 0.00	19.62 0.71 0.00	19.83 0.67 0.00	19.47 0.48 0.00	22.13 0.25 0.00	21.21 0.27 0.00	21.42 0.22 0.00	21.53 0.80 0.00	21.70 1.00 0.00	18.69 0.67 0.00	21.04 0.76 0.00
NEG NORTH_KES_CHATEGAY 23792	14.53 0.08 0.00	15.77 0.05 0.00	16.26 0.18 0.00	15.90 0.23 0.00	16.90 0.41 0.00	18.31 0.49 0.00	16.72 0.51 0.00	18.66 0.59 0.00	20.04 0.80 0.00	18.62 0.69 0.00	20.68 0.70 0.00	21.94 0.73 0.00	21.46 0.63 0.00	22.60 0.60 0.00	19.38 0.48 0.00	19.61 0.44 0.00	19.21 0.23 0.00	21.86 -0.02 0.00	20.96 0.02 0.00	21.16 -0.04 0.00	21.29 0.55 0.00	21.40 0.69 0.00	18.44 0.43 0.00	20.80 0.53 0.00

NEG NORTH___ALICE_FALLS 23915	14.72 0.27 0.00	15.96 0.23 0.00	16.44 0.37 0.00	16.08 0.40 0.00	17.10 0.61 0.00	18.53 0.71 0.00	16.95 0.74 0.00	18.89 0.83 0.00	20.33 1.09 0.00	18.86 0.93 0.00	20.92 0.95 0.00	22.23 1.02 0.00	21.72 0.88 0.00	22.87 0.88 0.00	19.63 0.72 0.00	19.84 0.67 0.00	19.48 0.49 0.00	22.16 0.28 0.00	21.25 0.31 0.00	21.46 0.26 0.00	21.57 0.83 0.00	21.73 1.03 0.00	18.72 0.70 0.00	21.07 0.79 0.00
NEG NORTH___LWR_SARANAC 23913	14.72 0.27 0.00	15.96 0.23 0.00	16.44 0.37 0.00	16.08 0.40 0.00	17.10 0.61 0.00	18.53 0.71 0.00	16.95 0.74 0.00	18.89 0.83 0.00	20.33 1.09 0.00	18.86 0.93 0.00	20.92 0.95 0.00	22.23 1.02 0.00	21.72 0.88 0.00	22.87 0.88 0.00	19.63 0.72 0.00	19.84 0.67 0.00	19.48 0.49 0.00	22.16 0.28 0.00	21.25 0.31 0.00	21.46 0.26 0.00	21.57 0.83 0.00	21.73 1.03 0.00	18.72 0.70 0.00	21.07 0.79 0.00
NEG NORTH___PLATTSBURG 23628	14.71 0.25 0.00	15.95 0.22 0.00	16.43 0.36 0.00	16.07 0.40 0.00	17.10 0.60 0.00	18.53 0.71 0.00	16.95 0.74 0.00	18.89 0.83 0.00	20.33 1.09 0.00	18.87 0.93 0.00	20.93 0.95 0.00	22.23 1.02 0.00	21.72 0.88 0.00	22.87 0.88 0.00	19.63 0.73 0.00	19.84 0.68 0.00	19.48 0.49 0.00	22.16 0.28 0.00	21.25 0.31 0.00	21.46 0.26 0.00	21.57 0.83 0.00	21.73 1.03 0.00	18.72 0.70 0.00	21.07 0.79 0.00
NEG WEST_LEA_LOCKPORT 23791	14.04 -0.42 0.00	15.32 -0.40 0.00	15.73 -0.34 0.00	15.27 -0.41 0.00	16.14 -0.35 0.00	17.61 -0.21 0.00	15.89 -0.32 0.00	17.66 -0.40 0.00	18.83 -0.42 0.00	17.72 -0.21 0.00	19.67 -0.30 0.00	20.57 -0.63 0.00	20.06 -0.78 0.00	20.92 -1.08 0.00	17.94 -0.89 0.08	17.32 -0.90 0.95	16.62 -0.94 1.42	20.68 -1.20 0.00	19.89 -1.04 0.00	20.16 -1.05 0.00	19.67 -1.07 0.00	19.57 -1.14 0.00	17.27 -0.74 0.00	19.72 -0.55 0.00
NEG WEST___LANCASTR 23811	14.19 -0.26 0.00	15.51 -0.22 0.00	15.91 -0.16 0.00	15.48 -0.20 0.00	16.34 -0.15 0.00	17.78 -0.04 0.00	16.07 -0.14 0.00	17.97 -0.09 0.00	19.23 -0.02 0.00	18.07 0.13 0.00	20.05 0.08 0.00	21.03 -0.18 0.00	20.52 -0.31 0.00	21.45 -0.55 0.00	18.42 -0.45 0.03	18.30 -0.47 0.40	17.87 -0.51 0.60	21.20 -0.68 0.00	20.35 -0.59 0.00	20.62 -0.58 0.00	20.11 -0.63 0.00	20.08 -0.63 0.00	17.62 -0.40 0.00	20.07 -0.20 0.00
NEG_PENN_ALLEGHNY 23528	14.56 0.11 0.00	15.86 0.13 0.00	16.21 0.14 0.00	15.81 0.14 0.00	16.65 0.16 0.00	17.99 0.17 0.00	16.34 0.13 0.00	18.31 0.24 0.00	19.55 0.30 0.00	18.25 0.32 0.00	20.30 0.32 0.00	21.51 0.31 0.00	21.15 0.31 0.00	22.32 0.32 0.00	19.21 0.31 0.00	19.49 0.32 0.00	19.25 0.27 0.00	22.14 0.27 0.00	21.19 0.26 0.00	21.46 0.26 0.00	20.92 0.18 0.00	20.92 0.21 0.00	18.18 0.17 0.00	20.53 0.26 0.00
NEG___GEN_MONROE 24207	14.40 -0.06 0.00	15.70 -0.03 0.00	16.07 0.00 0.00	15.65 -0.03 0.00	16.49 0.00 0.00	17.97 0.15 0.00	16.28 0.07 0.00	18.12 0.05 0.00	19.32 0.07 0.00	18.09 0.16 0.00	20.16 0.18 0.00	21.20 -0.01 0.00	20.71 -0.12 0.00	21.69 -0.31 0.00	18.64 -0.27 0.00	18.84 -0.33 0.00	18.62 -0.36 0.00	21.43 -0.45 0.00	20.61 -0.33 0.00	20.92 -0.28 0.00	20.44 -0.30 0.00	20.37 -0.34 0.00	17.82 -0.19 0.00	20.22 -0.06 0.00
NEPA___ENERGY 23901	14.26 -0.20 0.00	15.59 -0.14 0.00	16.03 -0.05 0.00	15.62 -0.05 0.00	16.50 0.00 0.00	17.85 0.03 0.00	16.13 -0.08 0.00	18.18 0.11 0.00	19.51 0.26 0.00	18.32 0.39 0.00	20.32 0.35 0.00	21.37 0.16 0.00	20.92 0.09 0.00	21.88 -0.12 0.00	18.83 -0.04 0.03	18.83 0.06 0.40	18.38 0.00 0.60	21.77 -0.10 0.00	20.87 -0.07 0.00	21.10 -0.10 0.00	20.52 -0.21 0.00	20.58 -0.13 0.00	17.91 -0.10 0.00	20.38 0.11 0.00
NEVERSINK___HYD 23608	14.83 0.37 0.00	16.06 0.33 0.00	16.36 0.29 0.00	15.99 0.32 0.00	16.81 0.32 0.00	18.13 0.31 0.00	16.56 0.35 0.00	18.46 0.51 0.13	19.83 0.59 0.00	18.39 0.47 0.02	20.38 0.40 0.00	21.71 0.51 0.00	21.38 0.55 0.00	22.76 0.76 0.00	19.56 0.66 0.00	19.89 0.72 0.00	19.81 0.83 0.00	22.88 1.00 0.00	21.81 0.87 0.00	21.94 0.74 0.00	21.39 0.65 0.00	21.35 0.64 0.00	18.53 0.52 0.00	20.72 0.45 0.00
NEWKRMKL_115KV_TB1 55635	14.82 0.36 0.00	16.03 0.30 0.00	16.34 0.26 0.00	15.96 0.29 0.00	16.76 0.27 0.00	18.06 0.24 0.00	16.49 0.27 0.00	18.51 0.31 -0.13	19.44 0.20 0.00	18.02 0.07 -0.02	20.09 0.12 0.00	21.50 0.29 0.00	21.13 0.29 0.00	22.36 0.36 0.00	19.20 0.29 0.00	19.51 0.35 0.00	19.44 0.45 0.00	22.41 0.54 0.00	21.41 0.48 0.00	21.66 0.45 0.00	21.08 0.34 0.00	21.07 0.36 0.00	18.34 0.33 0.00	20.51 0.24 0.00
NEWTON___FALLS_HYD 23847	14.55 0.09 0.00	15.98 0.26 0.00	16.38 0.31 0.00	15.92 0.25 0.00	16.81 0.32 0.00	18.24 0.41 0.00	16.65 0.44 0.00	18.57 0.50 0.00	19.79 0.55 0.00	18.45 0.52 0.00	20.53 0.56 0.00	21.73 0.52 0.00	21.21 0.38 0.00	22.17 0.17 0.00	18.98 0.07 0.00	19.14 -0.03 0.00	18.64 -0.34 0.00	21.45 -0.43 0.00	20.71 -0.22 0.00	21.44 0.24 0.00	21.30 0.56 0.00	21.30 0.59 0.00	18.47 0.45 0.00	20.68 0.41 0.00
NGRID_A1_DSASP 323792	13.92 -0.54 0.00	15.20 -0.53 0.00	15.60 -0.47 0.00	15.16 -0.51 0.00	16.00 -0.49 0.00	17.46 -0.36 0.00	15.74 -0.47 0.00	17.38 -0.69 0.00	18.47 -0.77 0.00	17.33 -0.61 0.00	19.24 -0.73 0.00	20.11 -1.10 0.00	19.62 -1.21 0.00	20.46 -1.53 0.00	17.56 -1.28 0.06	17.14 -1.31 0.73	16.53 -1.36 1.09	20.18 -1.69 0.00	19.41 -1.53 0.00	19.65 -1.55 0.00	19.23 -1.51 0.00	19.14 -1.57 0.00	17.05 -0.97 0.00	19.54 -0.74 0.00
NGRID_A2_DSASP 323793	13.92 -0.54 0.00	15.20 -0.53 0.00	15.60 -0.47 0.00	15.16 -0.51 0.00	16.00 -0.49 0.00	17.46 -0.36 0.00	15.74 -0.47 0.00	17.38 -0.69 0.00	18.47 -0.77 0.00	17.33 -0.61 0.00	19.24 -0.73 0.00	20.11 -1.10 0.00	19.62 -1.21 0.00	20.46 -1.53 0.00	17.56 -1.28 0.06	17.14 -1.31 0.73	16.53 -1.36 1.09	20.18 -1.69 0.00	19.41 -1.53 0.00	19.65 -1.55 0.00	19.23 -1.51 0.00	19.14 -1.57 0.00	17.05 -0.97 0.00	19.54 -0.74 0.00
NGRID_A4_DSASP 323807	13.90 -0.55 0.00	15.19 -0.54 0.00	15.59 -0.48 0.00	15.14 -0.53 0.00	16.00 -0.50 0.00	17.45 -0.37 0.00	15.74 -0.47 0.00	17.38 -0.69 0.00	18.47 -0.77 0.00	17.33 -0.61 0.00	19.23 -0.74 0.00	20.11 -1.10 0.00	19.61 -1.22 0.00	20.45 -1.55 0.00	17.56 -1.29 0.06	17.15 -1.30 0.73	16.56 -1.33 1.09	20.18 -1.70 0.00	19.41 -1.53 0.00	19.63 -1.57 0.00	19.23 -1.51 0.00	19.13 -1.57 0.00	17.05 -0.96 0.00	19.54 -0.74 0.00
NIAGARA_115E_LBMP 323715	13.88 -0.58 0.00	15.14 -0.59 0.00	15.54 -0.53 0.00	15.10 -0.58 0.00	15.94 -0.55 0.00	17.41 -0.41 0.00	15.68 -0.53 0.00	17.41 -0.66 0.00	18.53 -0.71 0.00	17.47 -0.47 0.00	19.39 -0.58 0.00	20.28 -0.93 0.00	19.78 -1.05 0.00	20.63 -1.37 0.00	17.71 -1.14 0.06	17.27 -1.17 0.73	16.66 -1.23 1.10	20.36 -1.52 0.00	19.58 -1.36 0.00	19.83 -1.37 0.00	19.32 -1.42 0.00	19.22 -1.49 0.00	16.98 -1.04 0.00	19.41 -0.87 0.00

NIAGARA_115W_LBMP 323714	13.90 -0.56 0.00	15.18 -0.55 0.00	15.58 -0.49 0.00	15.14 -0.54 0.00	15.97 -0.52 0.00	17.44 -0.38 0.00	15.72 -0.49 0.00	17.34 -0.72 0.00	18.43 -0.81 0.00	17.28 -0.65 0.00	19.18 -0.79 0.00	20.06 -1.14 0.00	19.57 -1.26 0.00	20.41 -1.59 0.00	17.52 -1.33 0.06	17.09 -1.35 0.73	16.48 -1.41 1.09	20.13 -1.75 0.00	19.35 -1.58 0.00	19.59 -1.61 0.00	19.18 -1.56 0.00	19.09 -1.61 0.00	17.03 -0.99 0.00	19.52 -0.76 0.00
NIAGARA_230_LBMP 323716	13.95 -0.51 0.00	15.22 -0.51 0.00	15.62 -0.45 0.00	15.18 -0.49 0.00	16.02 -0.47 0.00	17.48 -0.34 0.00	15.76 -0.45 0.00	17.49 -0.58 0.00	18.63 -0.61 0.00	17.53 -0.40 0.00	19.47 -0.50 0.00	20.38 -0.82 0.00	19.88 -0.95 0.00	20.74 -1.26 0.00	17.79 -1.06 0.06	17.33 -1.08 0.75	16.71 -1.15 1.13	20.46 -1.42 0.00	19.66 -1.27 0.00	19.92 -1.28 0.00	19.46 -1.28 0.00	19.38 -1.33 0.00	17.12 -0.89 0.00	19.58 -0.69 0.00
NIAGARA__115KV_198_GIBSON 55903	13.88 -0.58 0.00	15.17 -0.56 0.00	15.57 -0.50 0.00	15.11 -0.56 0.00	15.97 -0.52 0.00	17.43 -0.39 0.00	15.72 -0.49 0.00	17.34 -0.73 0.00	18.43 -0.82 0.00	17.28 -0.65 0.00	19.18 -0.79 0.00	20.05 -1.16 0.00	19.56 -1.28 0.00	20.39 -1.61 0.00	17.51 -1.34 0.06	17.09 -1.34 0.73	16.51 -1.38 1.09	20.13 -1.75 0.00	19.36 -1.58 0.00	19.58 -1.62 0.00	19.18 -1.56 0.00	19.08 -1.62 0.00	17.02 -0.99 0.00	19.51 -0.76 0.00
NIAGARA____ 23760	13.92 -0.54 0.00	15.19 -0.54 0.00	15.59 -0.48 0.00	15.15 -0.52 0.00	15.99 -0.50 0.00	17.45 -0.37 0.00	15.73 -0.48 0.00	17.44 -0.63 0.00	18.58 -0.67 0.00	17.46 -0.48 0.00	19.39 -0.59 0.00	20.28 -0.92 0.00	19.78 -1.05 0.00	20.64 -1.36 0.00	17.71 -1.14 0.06	17.26 -1.17 0.74	16.65 -1.22 1.11	20.36 -1.52 0.00	19.57 -1.37 0.00	19.82 -1.38 0.00	19.36 -1.38 0.00	19.27 -1.44 0.00	17.06 -0.96 0.00	19.51 -0.77 0.00
NINE_MILE_1 23575	14.09 -0.37 0.00	15.34 -0.39 0.00	15.67 -0.40 0.00	15.28 -0.39 0.00	16.09 -0.40 0.00	17.40 -0.42 0.00	15.78 -0.43 0.00	17.54 -0.53 0.00	18.69 -0.55 0.00	17.44 -0.49 0.00	19.43 -0.54 0.00	20.60 -0.61 0.00	20.22 -0.62 0.00	21.32 -0.68 0.00	18.33 -0.58 0.00	18.57 -0.60 0.00	18.38 -0.60 0.00	21.21 -0.67 0.00	20.32 -0.62 0.00	20.59 -0.61 0.00	20.13 -0.61 0.00	20.09 -0.61 0.00	17.50 -0.52 0.00	19.78 -0.49 0.00
NINE_MILE_2 23744	14.09 -0.36 0.00	15.34 -0.38 0.00	15.67 -0.40 0.00	15.28 -0.39 0.00	16.09 -0.40 0.00	17.40 -0.42 0.00	15.78 -0.43 0.00	17.54 -0.53 0.00	18.69 -0.55 0.00	17.45 -0.49 0.00	19.43 -0.54 0.00	20.60 -0.60 0.00	20.22 -0.62 0.00	21.32 -0.68 0.00	18.33 -0.58 0.00	18.57 -0.60 0.00	18.38 -0.60 0.00	21.21 -0.67 0.00	20.32 -0.62 0.00	20.59 -0.61 0.00	20.13 -0.61 0.00	20.09 -0.61 0.00	17.50 -0.52 0.00	19.78 -0.49 0.00
NM_CAPITAL____DRP 24208	14.85 0.39 0.00	16.07 0.35 0.00	16.38 0.31 0.00	16.01 0.34 0.00	16.81 0.31 0.00	18.11 0.29 0.00	16.53 0.32 0.00	18.55 0.35 -0.13	19.54 0.29 0.00	18.15 0.20 -0.02	20.24 0.26 0.00	21.58 0.38 0.00	21.17 0.33 0.00	22.40 0.40 0.00	19.23 0.33 0.00	19.54 0.37 0.00	19.46 0.47 0.00	22.45 0.57 0.00	21.44 0.50 0.00	21.69 0.49 0.00	21.12 0.38 0.00	21.11 0.40 0.00	18.39 0.38 0.00	20.56 0.28 0.00
NM_CENTRAL____DRP 24181	14.33 -0.12 0.00	15.60 -0.13 0.00	15.94 -0.12 0.00	15.54 -0.13 0.00	16.38 -0.12 0.00	17.71 -0.11 0.00	16.07 -0.14 0.00	17.89 -0.18 0.00	19.07 -0.17 0.00	17.81 -0.12 0.00	19.85 -0.13 0.00	21.05 -0.16 0.00	20.65 -0.18 0.00	21.77 -0.23 0.00	18.72 -0.18 0.00	18.96 -0.21 0.00	18.76 -0.22 0.00	21.63 -0.25 0.00	20.74 -0.20 0.00	21.02 -0.18 0.00	20.53 -0.21 0.00	20.49 -0.22 0.00	17.84 -0.18 0.00	20.15 -0.13 0.00
NM_FRONTIER____DRP 24179	13.88 -0.58 0.00	15.17 -0.56 0.00	15.57 -0.50 0.00	15.11 -0.56 0.00	15.97 -0.52 0.00	17.43 -0.39 0.00	15.72 -0.49 0.00	17.34 -0.73 0.00	18.43 -0.82 0.00	17.28 -0.65 0.00	19.18 -0.79 0.00	20.05 -1.16 0.00	19.56 -1.28 0.00	20.39 -1.61 0.00	17.51 -1.34 0.06	17.09 -1.34 0.73	16.51 -1.38 1.09	20.13 -1.75 0.00	19.36 -1.58 0.00	19.58 -1.62 0.00	19.18 -1.56 0.00	19.08 -1.62 0.00	17.02 -0.99 0.00	19.51 -0.76 0.00
NM_ST_REGIS____HYD 24053	14.57 0.11 0.00	15.90 0.17 0.00	16.33 0.26 0.00	15.92 0.24 0.00	16.82 0.33 0.00	18.25 0.43 0.00	16.66 0.45 0.00	18.59 0.53 0.00	19.87 0.63 0.00	18.52 0.59 0.00	20.61 0.63 0.00	21.81 0.61 0.00	21.37 0.54 0.00	22.48 0.48 0.00	19.29 0.38 0.00	19.36 0.20 0.00	18.90 -0.09 0.00	21.68 -0.20 0.00	20.76 -0.18 0.00	21.22 0.01 0.00	21.26 0.52 0.00	21.31 0.60 0.00	18.45 0.43 0.00	20.72 0.45 0.00
NORTHPORT____1 23551	34.69 0.99 -19.24	20.53 1.02 -3.79	19.56 1.01 -2.48	17.04 1.02 -0.35	19.34 1.05 -1.80	21.14 1.06 -2.26	27.03 1.03 -9.78	33.42 1.24 -14.11	32.89 1.30 -12.35	65.09 1.17 -45.99	38.90 1.18 -17.74	29.59 1.43 -6.95	25.38 1.53 -3.02	26.77 1.69 -3.09	29.65 1.40 -9.35	317.86 1.47 -297.22	25.71 1.56 -5.16	23.59 1.72 0.00	42.71 1.60 -20.18	30.63 1.58 -7.85	29.88 1.43 -7.72	33.19 1.40 -11.09	22.17 1.27 -2.89	22.15 1.21 -0.66
NORTHPORT____2 23552	34.69 0.99 -19.24	20.53 1.02 -3.79	19.56 1.01 -2.48	17.04 1.02 -0.35	19.34 1.05 -1.80	21.14 1.06 -2.26	27.03 1.03 -9.78	33.42 1.24 -14.11	32.89 1.30 -12.35	65.09 1.17 -45.99	38.90 1.18 -17.74	29.59 1.43 -6.95	25.38 1.53 -3.02	26.77 1.69 -3.09	29.65 1.40 -9.35	317.86 1.47 -297.22	25.71 1.56 -5.16	23.59 1.72 0.00	42.71 1.60 -20.18	30.63 1.58 -7.85	29.88 1.43 -7.72	33.19 1.40 -11.09	22.17 1.27 -2.89	22.15 1.21 -0.66
NORTHPORT____3 23553	34.59 0.89 -19.24	20.42 0.90 -3.79	19.44 0.89 -2.48	16.91 0.89 -0.35	19.21 0.92 -1.80	21.00 0.92 -2.26	26.89 0.89 -9.78	33.24 1.06 -14.11	32.69 1.09 -12.35	64.90 0.97 -45.99	38.72 1.00 -17.74	29.43 1.27 -6.95	25.23 1.38 -3.02	26.62 1.53 -3.09	29.52 1.26 -9.35	317.70 1.31 -297.22	25.58 1.44 -5.16	23.46 1.58 0.00	42.56 1.44 -20.18	30.42 1.37 -7.85	29.69 1.24 -7.72	33.00 1.20 -11.09	22.04 1.13 -2.89	21.98 1.05 -0.66
NORTHPORT____4 23650	34.59 0.89 -19.24	20.42 0.90 -3.79	19.44 0.89 -2.48	16.91 0.89 -0.35	19.21 0.92 -1.80	21.00 0.92 -2.26	26.89 0.89 -9.78	33.24 1.06 -14.11	32.69 1.09 -12.35	64.90 0.97 -45.99	38.72 1.00 -17.74	29.43 1.27 -6.95	25.23 1.38 -3.02	26.62 1.53 -3.09	29.52 1.26 -9.35	317.70 1.31 -297.22	25.58 1.44 -5.16	23.46 1.58 0.00	42.56 1.44 -20.18	30.42 1.37 -7.85	29.69 1.24 -7.72	33.00 1.20 -11.09	22.04 1.13 -2.89	21.98 1.05 -0.66
NORTHPORT____IC 23718	34.69 0.99 -19.24	20.53 1.02 -3.79	19.56 1.01 -2.48	17.04 1.02 -0.35	19.34 1.05 -1.80	21.14 1.06 -2.26	27.03 1.03 -9.78	33.42 1.24 -14.11	32.89 1.30 -12.35	65.09 1.17 -45.99	38.90 1.18 -17.74	29.59 1.43 -6.95	25.38 1.53 -3.02	26.77 1.69 -3.09	29.65 1.40 -9.35	317.86 1.47 -297.22	25.71 1.56 -5.16	23.59 1.72 0.00	42.71 1.60 -20.18	30.63 1.58 -7.85	29.88 1.43 -7.72	33.19 1.40 -11.09	22.17 1.27 -2.89	22.15 1.21 -0.66

NORTH____COUNTRY_ESR 323785	14.50 0.05 0.00	15.77 0.04 0.00	16.25 0.17 0.00	15.88 0.20 0.00	16.87 0.38 0.00	18.28 0.46 0.00	16.69 0.48 0.00	18.62 0.56 0.00	20.00 0.76 0.00	18.58 0.65 0.00	20.63 0.66 0.00	21.90 0.69 0.00	21.43 0.60 0.00	22.56 0.56 0.00	19.36 0.45 0.00	19.59 0.42 0.00	19.20 0.22 0.00	21.85 -0.03 0.00	20.94 0.00 0.00	21.15 -0.06 0.00	21.25 0.51 0.00	21.36 0.66 0.00	18.42 0.40 0.00	20.77 0.49 0.00
NPX_GEN_1385_PROXY 323591	34.33 1.01 -18.86	20.54 1.02 -3.79	19.57 1.03 -2.48	17.04 1.02 -0.35	19.36 1.07 -1.80	21.24 1.06 -2.36	27.06 1.07 -9.78	33.46 1.28 -14.11	32.93 1.34 -12.35	65.11 1.19 -45.99	38.91 1.19 -17.74	29.59 1.44 -6.95	25.38 1.53 -3.02	26.77 1.69 -3.09	29.65 1.40 -9.35	317.89 1.50 -297.22	25.74 1.60 -5.16	23.64 1.76 0.00	42.75 1.64 -20.18	30.68 1.62 -7.85	29.92 1.47 -7.72	33.24 1.44 -11.09	22.21 1.30 -2.89	22.19 1.25 -0.66
NPX_GEN_CSC 323557	34.18 0.86 -18.86	20.42 0.91 -3.79	19.50 0.94 -2.48	16.99 0.97 -0.35	19.28 0.99 -1.80	21.12 0.94 -2.36	26.82 0.82 -9.78	33.20 1.02 -14.11	32.68 1.08 -12.35	64.92 1.00 -45.99	38.72 1.00 -17.74	29.37 1.21 -6.95	25.07 1.22 -3.02	26.45 1.36 -3.09	29.35 1.09 -9.35	317.52 1.13 -297.22	25.41 1.27 -5.16	23.28 1.41 0.00	42.45 1.33 -20.18	30.44 1.39 -7.85	29.68 1.23 -7.72	32.96 1.16 -11.09	21.95 1.04 -2.89	21.85 0.92 -0.66
NSINS_S_GLNS_FALLS 23858	15.58 1.12 0.00	16.92 1.19 0.00	17.24 1.17 0.00	16.83 1.16 0.00	17.72 1.22 0.00	19.17 1.34 0.00	17.55 1.33 0.00	19.64 1.45 -0.13	20.67 1.43 0.00	19.22 1.27 -0.02	21.40 1.43 0.00	22.79 1.58 0.00	22.19 1.36 0.00	23.59 1.60 0.00	20.17 1.27 0.00	20.43 1.26 0.00	20.38 1.40 0.00	23.81 1.93 0.00	22.79 1.85 0.00	22.97 1.77 0.00	22.45 1.71 0.00	22.45 1.75 0.00	19.51 1.49 0.00	21.82 1.54 0.00
NUCOR_STEEL____DRP 24197	14.48 0.03 0.00	15.77 0.04 0.00	16.11 0.04 0.00	15.70 0.03 0.00	16.56 0.07 0.00	17.91 0.09 0.00	16.29 0.08 0.00	18.14 0.08 0.00	19.34 0.10 0.00	18.04 0.11 0.00	20.08 0.11 0.00	21.28 0.07 0.00	20.88 0.05 0.00	21.99 0.00 0.00	18.92 0.02 0.00	19.18 0.01 0.00	18.99 0.00 0.00	21.89 0.01 0.00	21.00 0.06 0.00	21.29 0.09 0.00	20.80 0.06 0.00	20.75 0.05 0.00	18.06 0.04 0.00	20.37 0.09 0.00
NUMBER_THREE_WT_PWR 323818	14.52 0.07 0.00	16.08 0.35 0.00	16.47 0.40 0.00	15.97 0.30 0.00	16.85 0.36 0.00	18.30 0.48 0.00	16.67 0.46 0.00	18.59 0.52 0.00	19.79 0.54 0.00	18.45 0.51 0.00	20.58 0.60 0.00	21.81 0.60 0.00	21.25 0.41 0.00	22.10 0.10 0.00	18.86 -0.05 0.00	19.07 -0.10 0.00	18.54 -0.45 0.00	21.36 -0.52 0.00	20.77 -0.17 0.00	21.73 0.53 0.00	21.41 0.68 0.00	21.36 0.65 0.00	18.51 0.49 0.00	20.66 0.39 0.00
NYISO_LBMP_REFERENCE 24008	14.46 0.00 0.00	15.73 0.00 0.00	16.07 0.00 0.00	15.67 0.00 0.00	16.49 0.00 0.00	17.82 0.00 0.00	16.21 0.00 0.00	18.07 0.00 0.00	19.24 0.00 0.00	17.93 0.00 0.00	19.98 0.00 0.00	21.21 0.00 0.00	20.83 0.00 0.00	22.00 0.00 0.00	18.90 0.00 0.00	19.17 0.00 0.00	18.98 0.00 0.00	21.88 0.00 0.00	20.94 0.00 0.00	21.20 0.00 0.00	20.74 0.00 0.00	20.71 0.00 0.00	18.02 0.00 0.00	20.28 0.00 0.00
NYPA_BRENTWD____GT 24164	34.81 1.11 -19.24	20.64 1.13 -3.79	19.68 1.13 -2.48	17.15 1.13 -0.35	19.47 1.18 -1.80	21.27 1.19 -2.26	27.16 1.17 -9.78	33.59 1.40 -14.11	33.09 1.49 -12.35	65.27 1.35 -45.99	39.08 1.35 -17.74	29.78 1.62 -6.95	25.54 1.69 -3.02	26.92 1.84 -3.09	29.79 1.54 -9.35	318.03 1.64 -297.22	25.84 1.70 -5.16	23.59 1.72 0.00	42.74 1.62 -20.18	30.87 1.81 -7.85	30.11 1.66 -7.72	33.42 1.62 -11.09	22.34 1.43 -2.89	22.32 1.38 -0.66
NYPA_GOWANUS____GT5 24156	15.28 0.82 0.00	16.55 0.82 0.00	16.86 0.79 0.00	16.48 0.81 0.00	17.30 0.81 0.00	18.65 0.83 0.00	17.04 0.82 0.00	19.73 1.00 -0.66	20.31 1.07 0.00	19.05 1.03 -0.08	21.10 1.12 0.00	22.49 1.28 0.00	22.24 1.41 0.00	23.59 1.59 0.00	20.25 1.35 0.00	20.60 1.43 -0.01	20.44 1.45 0.00	23.55 1.67 0.00	22.44 1.50 0.00	22.58 1.38 0.00	21.96 1.22 -0.01	21.91 1.20 -0.01	19.04 1.02 0.00	21.22 0.94 0.00
NYPA_GOWANUS____GT6 24157	15.28 0.82 0.00	16.55 0.82 0.00	16.86 0.79 0.00	16.48 0.81 0.00	17.30 0.81 0.00	18.65 0.83 0.00	17.04 0.82 0.00	19.73 1.00 -0.66	20.31 1.07 0.00	19.05 1.03 -0.08	21.10 1.12 0.00	22.49 1.28 0.00	22.24 1.41 0.00	23.59 1.59 0.00	20.25 1.35 0.00	20.60 1.43 -0.01	20.44 1.45 0.00	23.55 1.67 0.00	22.44 1.50 0.00	22.58 1.38 0.00	21.96 1.22 -0.01	21.91 1.20 -0.01	19.04 1.02 0.00	21.22 0.94 0.00
NYPA_HARLEM_RVR_GT1 24160	15.22 0.77 0.00	16.50 0.77 0.00	16.81 0.73 0.00	16.42 0.75 0.00	17.24 0.74 0.00	18.54 0.72 0.00	16.96 0.74 0.00	19.66 0.93 -0.66	20.24 1.00 0.00	18.96 0.94 -0.08	20.97 1.00 0.00	22.37 1.16 0.00	22.11 1.28 0.00	23.45 1.46 0.00	20.12 1.22 0.00	20.45 1.28 0.00	20.30 1.32 0.00	23.37 1.50 0.00	22.28 1.34 0.00	22.43 1.23 0.00	21.80 1.06 0.00	21.75 1.05 0.00	18.93 0.91 0.00	21.09 0.82 0.00
NYPA_HARLEM_RVR_GT2 24161	15.22 0.77 0.00	16.50 0.77 0.00	16.81 0.73 0.00	16.42 0.75 0.00	17.24 0.74 0.00	18.54 0.72 0.00	16.96 0.74 0.00	19.66 0.93 -0.66	20.24 1.00 0.00	18.96 0.94 -0.08	20.97 1.00 0.00	22.37 1.16 0.00	22.11 1.28 0.00	23.45 1.46 0.00	20.12 1.22 0.00	20.45 1.28 0.00	20.30 1.32 0.00	23.37 1.50 0.00	22.28 1.34 0.00	22.43 1.23 0.00	21.80 1.06 0.00	21.75 1.05 0.00	18.93 0.91 0.00	21.09 0.82 0.00
NYPA_KENT____GT 24152	15.26 0.81 0.00	16.54 0.81 0.00	16.84 0.77 0.00	16.46 0.79 0.00	17.28 0.79 0.00	18.62 0.80 0.00	17.01 0.80 0.00	19.71 0.99 -0.66	20.30 1.06 0.00	19.03 1.02 -0.08	21.08 1.11 0.00	22.47 1.27 0.00	22.23 1.40 0.00	23.58 1.58 0.00	20.24 1.33 0.00	20.58 1.41 0.00	20.43 1.44 0.00	23.52 1.64 0.00	22.42 1.48 0.00	22.55 1.34 0.00	21.93 1.19 0.00	21.87 1.17 0.00	19.01 0.99 0.00	21.18 0.91 0.00
NYPA_POUCH1____GT 24155	15.26 0.80 0.00	16.55 0.82 0.00	16.86 0.79 0.00	16.48 0.81 0.00	17.31 0.82 0.00	18.65 0.83 0.00	17.04 0.83 0.00	19.71 0.98 -0.66	20.28 1.04 0.00	19.01 0.99 -0.08	21.05 1.07 0.00	22.43 1.22 0.00	22.18 1.35 0.00	23.53 1.53 0.00	20.20 1.29 0.00	20.56 1.39 -0.01	20.38 1.40 0.00	23.48 1.60 0.00	22.39 1.45 0.00	22.53 1.32 0.00	21.94 1.20 -0.01	21.89 1.18 -0.01	19.02 1.00 0.00	21.20 0.93 0.00
NYPA_VERNON____GT2 24162	15.25 0.80 0.00	16.52 0.79 0.00	16.82 0.75 0.00	16.45 0.77 0.00	17.26 0.76 0.00	18.59 0.77 0.00	16.99 0.78 0.00	19.70 0.97 -0.66	20.29 1.04 0.00	19.02 1.01 -0.08	21.07 1.09 0.00	22.46 1.25 0.00	22.21 1.38 0.00	23.56 1.57 0.00	20.23 1.32 0.00	20.55 1.39 0.00	20.41 1.42 0.00	23.50 1.62 0.00	22.40 1.46 0.00	22.52 1.32 0.00	21.89 1.15 0.00	21.84 1.13 0.00	18.98 0.96 0.00	21.15 0.88 0.00

NYPA_VERNON____GT3 24163	15.25 0.80 0.00	16.52 0.79 0.00	16.82 0.75 0.00	16.45 0.77 0.00	17.26 0.76 0.00	18.59 0.77 0.00	16.99 0.78 0.00	19.70 0.97 -0.66	20.29 1.04 0.00	19.02 1.01 -0.08	21.07 1.09 0.00	22.46 1.25 0.00	22.21 1.38 0.00	23.56 1.57 0.00	20.23 1.32 0.00	20.55 1.39 0.00	20.41 1.42 0.00	23.50 1.62 0.00	22.40 1.46 0.00	22.52 1.32 0.00	21.89 1.15 0.00	21.84 1.13 0.00	18.98 0.96 0.00	21.15 0.88 0.00
NYPA____ASTORIA_CC1 323568	15.23 0.77 0.00	16.50 0.77 0.00	16.80 0.73 0.00	16.42 0.75 0.00	17.23 0.74 0.00	18.55 0.73 0.00	16.96 0.75 0.00	19.66 0.93 -0.66	20.24 1.00 0.00	18.98 0.96 -0.08	21.02 1.05 0.00	22.41 1.20 0.00	22.16 1.33 0.00	23.51 1.52 0.00	20.18 1.28 0.00	20.51 1.34 0.00	20.37 1.38 0.00	23.44 1.56 0.00	22.35 1.41 0.00	22.48 1.28 0.00	21.85 1.11 0.00	21.79 1.08 0.00	18.95 0.93 0.00	21.10 0.83 0.00
NYPA____ASTORIA_CC2 323569	15.23 0.77 0.00	16.50 0.77 0.00	16.80 0.73 0.00	16.42 0.75 0.00	17.23 0.74 0.00	18.55 0.73 0.00	16.96 0.75 0.00	19.66 0.93 -0.66	20.24 1.00 0.00	18.98 0.96 -0.08	21.02 1.05 0.00	22.41 1.20 0.00	22.16 1.33 0.00	23.51 1.52 0.00	20.18 1.28 0.00	20.51 1.34 0.00	20.37 1.38 0.00	23.44 1.56 0.00	22.35 1.41 0.00	22.48 1.28 0.00	21.85 1.11 0.00	21.79 1.08 0.00	18.95 0.93 0.00	21.10 0.83 0.00
NYPA____HOLTSVILL 23794	34.69 0.99 -19.24	20.53 1.01 -3.79	19.57 1.02 -2.48	17.05 1.03 -0.35	19.36 1.07 -1.80	21.13 1.05 -2.26	27.01 1.02 -9.78	33.42 1.24 -14.11	32.92 1.32 -12.35	65.12 1.20 -45.99	38.92 1.20 -17.74	29.58 1.42 -6.95	25.30 1.45 -3.02	26.68 1.59 -3.09	29.56 1.30 -9.35	317.79 1.40 -297.22	25.65 1.51 -5.16	23.51 1.64 0.00	42.65 1.54 -20.18	30.64 1.58 -7.85	29.89 1.44 -7.72	33.18 1.39 -11.09	22.15 1.25 -2.89	22.12 1.18 -0.66
NYPA____HELLGATE_GT1 24158	15.22 0.77 0.00	16.50 0.77 0.00	16.81 0.73 0.00	16.42 0.75 0.00	17.24 0.74 0.00	18.54 0.72 0.00	16.96 0.74 0.00	19.66 0.93 -0.66	20.24 1.00 0.00	18.96 0.94 -0.08	20.97 1.00 0.00	22.37 1.16 0.00	22.11 1.28 0.00	23.45 1.46 0.00	20.12 1.22 0.00	20.45 1.28 0.00	20.30 1.32 0.00	23.37 1.50 0.00	22.28 1.34 0.00	22.43 1.23 0.00	21.80 1.06 0.00	21.75 1.05 0.00	18.93 0.91 0.00	21.09 0.82 0.00
NYPA____HELLGATE_GT2 24159	15.22 0.77 0.00	16.50 0.77 0.00	16.81 0.73 0.00	16.42 0.75 0.00	17.24 0.74 0.00	18.54 0.72 0.00	16.96 0.74 0.00	19.66 0.93 -0.66	20.24 1.00 0.00	18.96 0.94 -0.08	20.97 1.00 0.00	22.37 1.16 0.00	22.11 1.28 0.00	23.45 1.46 0.00	20.12 1.22 0.00	20.45 1.28 0.00	20.30 1.32 0.00	23.37 1.50 0.00	22.28 1.34 0.00	22.43 1.23 0.00	21.80 1.06 0.00	21.75 1.05 0.00	18.93 0.91 0.00	21.09 0.82 0.00
NYS_BARGE____HYD 23848	14.06 -0.39 0.00	15.34 -0.39 0.00	15.74 -0.33 0.00	15.29 -0.38 0.00	16.15 -0.34 0.00	17.63 -0.19 0.00	15.89 -0.32 0.00	17.67 -0.40 0.00	18.83 -0.42 0.00	17.72 -0.21 0.00	19.68 -0.30 0.00	20.58 -0.62 0.00	20.08 -0.75 0.00	20.95 -1.05 0.00	17.97 -0.87 0.06	17.46 -0.90 0.80	16.81 -0.97 1.20	20.69 -1.19 0.00	19.90 -1.03 0.00	20.17 -1.03 0.00	19.67 -1.06 0.00	19.57 -1.13 0.00	17.27 -0.75 0.00	19.72 -0.55 0.00
OAK ORCHARD____HYD 24046	14.31 -0.14 0.00	15.58 -0.14 0.00	15.96 -0.11 0.00	15.53 -0.15 0.00	16.38 -0.12 0.00	17.81 -0.01 0.00	16.15 -0.06 0.00	17.99 -0.08 0.00	19.20 -0.04 0.00	17.99 0.05 0.00	20.00 0.03 0.00	21.06 -0.14 0.00	20.58 -0.25 0.00	21.55 -0.45 0.00	18.53 -0.37 0.00	18.77 -0.40 0.00	18.55 -0.43 0.00	21.37 -0.51 0.00	20.54 -0.40 0.00	20.83 -0.38 0.00	20.34 -0.40 0.00	20.26 -0.45 0.00	17.73 -0.28 0.00	20.12 -0.15 0.00
OAKDALE____35_KV_LOAD 356122	14.50 0.04 0.00	15.80 0.07 0.00	16.15 0.08 0.00	15.75 0.08 0.00	16.59 0.09 0.00	17.92 0.10 0.00	16.28 0.06 0.00	18.22 0.15 0.00	19.46 0.21 0.00	18.16 0.23 0.00	20.20 0.23 0.00	21.42 0.21 0.00	21.05 0.22 0.00	22.21 0.21 0.00	19.13 0.21 -0.01	19.54 0.23 -0.15	19.40 0.19 -0.22	22.04 0.16 0.00	21.10 0.16 0.00	21.36 0.16 0.00	20.83 0.09 0.00	20.82 0.12 0.00	18.11 0.09 0.00	20.44 0.16 0.00
OCC_CHEM____DRP 24175	13.90 -0.55 0.00	15.19 -0.54 0.00	15.59 -0.48 0.00	15.14 -0.53 0.00	16.00 -0.50 0.00	17.45 -0.37 0.00	15.74 -0.47 0.00	17.38 -0.69 0.00	18.47 -0.77 0.00	17.33 -0.61 0.00	19.23 -0.74 0.00	20.11 -1.10 0.00	19.61 -1.22 0.00	20.45 -1.55 0.00	17.56 -1.29 0.06	17.15 -1.30 0.73	16.56 -1.33 1.09	20.18 -1.70 0.00	19.41 -1.53 0.00	19.63 -1.57 0.00	19.23 -1.51 0.00	19.13 -1.57 0.00	17.05 -0.96 0.00	19.54 -0.74 0.00
OH_GEN_PROXY 24063	13.58 -0.49 0.38	15.24 -0.49 0.00	15.64 -0.43 0.00	15.20 -0.47 0.00	16.04 -0.45 0.00	17.60 -0.32 -0.10	15.78 -0.43 0.00	17.53 -0.54 0.00	18.69 -0.55 0.00	17.58 -0.35 0.00	19.53 -0.45 0.00	20.45 -0.75 0.00	19.95 -0.88 0.00	20.82 -1.17 0.00	17.86 -0.99 0.05	17.50 -1.01 0.66	16.91 -1.08 0.99	20.53 -1.35 0.00	19.73 -1.21 0.00	19.99 -1.21 0.00	19.52 -1.22 0.00	19.44 -1.27 0.00	17.17 -0.85 0.00	19.61 -0.67 0.00
OLIN_CORP_DRP 24177	13.88 -0.58 0.00	15.15 -0.58 0.00	15.55 -0.52 0.00	15.10 -0.58 0.00	15.96 -0.53 0.00	17.42 -0.41 0.00	15.70 -0.51 0.00	17.43 -0.64 0.00	18.56 -0.68 0.00	17.49 -0.44 0.00	19.42 -0.56 0.00	20.30 -0.91 0.00	19.80 -1.04 0.00	20.65 -1.35 0.00	17.73 -1.12 0.06	17.32 -1.13 0.71	16.75 -1.16 1.07	20.39 -1.49 0.00	19.61 -1.33 0.00	19.86 -1.34 0.00	19.36 -1.38 0.00	19.25 -1.46 0.00	17.01 -1.01 0.00	19.43 -0.84 0.00
OLIN_CORP_DSASP 323712	13.92 -0.54 0.00	15.20 -0.53 0.00	15.60 -0.47 0.00	15.16 -0.51 0.00	16.00 -0.49 0.00	17.46 -0.36 0.00	15.74 -0.47 0.00	17.38 -0.69 0.00	18.47 -0.77 0.00	17.33 -0.61 0.00	19.24 -0.73 0.00	20.11 -1.10 0.00	19.62 -1.21 0.00	20.46 -1.53 0.00	17.56 -1.28 0.06	17.14 -1.31 0.73	16.53 -1.36 1.09	20.18 -1.69 0.00	19.41 -1.53 0.00	19.65 -1.55 0.00	19.23 -1.51 0.00	19.14 -1.57 0.00	17.05 -0.97 0.00	19.54 -0.74 0.00
ONEIDA_HERK_LFGE 323681	14.63 0.18 0.00	16.04 0.31 0.00	16.40 0.33 0.00	15.96 0.28 0.00	16.81 0.31 0.00	18.22 0.40 0.00	16.57 0.35 0.00	18.47 0.41 0.00	19.67 0.43 0.00	18.36 0.43 0.00	20.50 0.53 0.00	21.76 0.55 0.00	21.28 0.44 0.00	22.36 0.36 0.00	19.15 0.24 0.00	19.31 0.14 0.00	18.97 -0.01 0.00	21.91 0.03 0.00	21.12 0.18 0.00	21.68 0.48 0.00	21.25 0.51 0.00	21.20 0.50 0.00	18.40 0.39 0.00	20.62 0.35 0.00
ONEIDA____115KV_TB4 55905	14.70 0.24 0.00	16.04 0.31 0.00	16.37 0.30 0.00	15.97 0.30 0.00	16.82 0.33 0.00	18.22 0.40 0.00	16.54 0.33 0.00	18.44 0.37 0.00	19.63 0.38 0.00	18.33 0.39 0.00	20.49 0.52 0.00	21.77 0.56 0.00	21.33 0.50 0.00	22.54 0.54 0.00	19.34 0.44 0.00	19.46 0.29 0.00	19.20 0.22 0.00	22.18 0.30 0.00	21.32 0.39 0.00	21.70 0.50 0.00	21.22 0.48 0.00	21.18 0.48 0.00	18.39 0.37 0.00	20.67 0.40 0.00

ONONDAGA_REF_OCCRA 23987	14.41 -0.04 0.00	15.69 -0.04 0.00	16.03 -0.05 0.00	15.63 -0.05 0.00	16.46 -0.03 0.00	17.80 -0.02 0.00	16.17 -0.04 0.00	18.01 -0.06 0.00	19.20 -0.04 0.00	17.92 -0.02 0.00	19.96 -0.01 0.00	21.17 -0.04 0.00	20.78 -0.05 0.00	21.92 -0.08 0.00	18.84 -0.07 0.00	19.08 -0.08 0.00	18.88 -0.10 0.00	21.77 -0.11 0.00	20.88 -0.06 0.00	21.15 -0.05 0.00	20.67 -0.07 0.00	20.63 -0.08 0.00	17.95 -0.07 0.00	20.26 -0.02 0.00
ONONDAGA___COGEN 23986	14.41 -0.04 0.00	15.68 -0.05 0.00	16.02 -0.05 0.00	15.62 -0.05 0.00	16.47 -0.02 0.00	17.78 -0.04 0.00	16.16 -0.05 0.00	17.99 -0.08 0.00	19.18 -0.06 0.00	17.90 -0.03 0.00	19.94 -0.04 0.00	21.14 -0.07 0.00	20.74 -0.09 0.00	21.86 -0.14 0.00	18.81 -0.10 0.00	19.07 -0.10 0.00	18.87 -0.11 0.00	21.76 -0.12 0.00	20.87 -0.07 0.00	21.15 -0.05 0.00	20.66 -0.08 0.00	20.62 -0.09 0.00	17.94 -0.08 0.00	20.26 -0.02 0.00
ONTARIO___LFGE 23819	14.40 -0.06 0.00	15.69 -0.04 0.00	16.04 -0.03 0.00	15.64 -0.04 0.00	16.48 -0.02 0.00	17.85 0.03 0.00	16.21 0.00 0.00	18.13 0.06 0.00	19.38 0.13 0.00	18.11 0.17 0.00	20.15 0.18 0.00	21.25 0.04 0.00	20.78 -0.05 0.00	21.84 -0.16 0.00	18.83 -0.12 -0.04	19.57 -0.15 -0.55	19.63 -0.18 -0.82	21.69 -0.18 0.00	20.87 -0.07 0.00	21.23 0.03 0.00	20.71 -0.03 0.00	20.66 -0.04 0.00	17.96 -0.06 0.00	20.33 0.05 0.00
ORANGEVILLE_WT_PWR 323706	14.02 -0.44 0.00	15.33 -0.39 0.00	15.77 -0.31 0.00	15.32 -0.35 0.00	16.16 -0.33 0.00	17.60 -0.22 0.00	15.94 -0.28 0.00	17.85 -0.22 0.00	19.16 -0.09 0.00	17.97 0.03 0.00	19.91 -0.07 0.00	20.31 -0.53 0.36	-3.55 -0.85 23.54	-19.52 -1.13 40.38	-21.57 -0.94 39.53	-19.52 -0.94 37.74	1.82 -0.87 16.29	20.99 -0.89 0.00	20.26 -0.67 0.00	20.62 -0.58 0.00	20.13 -0.61 0.00	20.07 -0.63 0.00	17.58 -0.44 0.00	20.06 -0.22 0.00
ORANGEVILLE___ESR 323794	14.02 -0.44 0.00	15.33 -0.39 0.00	15.77 -0.31 0.00	15.32 -0.35 0.00	16.16 -0.33 0.00	17.60 -0.22 0.00	15.94 -0.28 0.00	17.85 -0.22 0.00	19.16 -0.09 0.00	17.97 0.03 0.00	19.91 -0.07 0.00	20.31 -0.53 0.36	-3.55 -0.85 23.54	-19.52 -1.13 40.38	-21.57 -0.94 39.53	-19.52 -0.94 37.74	1.82 -0.87 16.29	20.99 -0.89 0.00	20.26 -0.67 0.00	20.62 -0.58 0.00	20.13 -0.61 0.00	20.07 -0.63 0.00	17.58 -0.44 0.00	20.06 -0.22 0.00
OSWEGATCHIE___HYD 24044	14.54 0.08 0.00	15.99 0.26 0.00	16.38 0.31 0.00	15.92 0.24 0.00	16.81 0.32 0.00	18.24 0.41 0.00	16.65 0.44 0.00	18.57 0.50 0.00	19.79 0.55 0.00	18.45 0.51 0.00	20.53 0.56 0.00	21.73 0.52 0.00	21.21 0.38 0.00	22.17 0.17 0.00	18.98 0.07 0.00	19.14 -0.02 0.00	18.64 -0.34 0.00	21.45 -0.43 0.00	20.71 -0.22 0.00	21.44 0.24 0.00	21.30 0.56 0.00	21.30 0.59 0.00	18.47 0.45 0.00	20.68 0.40 0.00
OSWEGO___5 23606	14.18 -0.28 0.00	15.44 -0.29 0.00	15.78 -0.29 0.00	15.38 -0.29 0.00	16.20 -0.30 0.00	17.52 -0.30 0.00	15.89 -0.32 0.00	17.68 -0.39 0.00	18.85 -0.40 0.00	17.58 -0.35 0.00	19.58 -0.39 0.00	20.77 -0.44 0.00	20.38 -0.45 0.00	21.49 -0.51 0.00	18.46 -0.44 0.00	18.72 -0.45 0.00	18.53 -0.46 0.00	21.36 -0.52 0.00	20.48 -0.46 0.00	20.75 -0.46 0.00	20.28 -0.45 0.00	20.24 -0.46 0.00	17.63 -0.39 0.00	19.91 -0.36 0.00
OSWEGO___6 23613	14.18 -0.28 0.00	15.44 -0.29 0.00	15.78 -0.29 0.00	15.38 -0.29 0.00	16.20 -0.30 0.00	17.52 -0.30 0.00	15.89 -0.32 0.00	17.68 -0.39 0.00	18.85 -0.40 0.00	17.58 -0.35 0.00	19.58 -0.39 0.00	20.77 -0.44 0.00	20.38 -0.45 0.00	21.49 -0.51 0.00	18.46 -0.44 0.00	18.72 -0.45 0.00	18.53 -0.46 0.00	21.36 -0.52 0.00	20.48 -0.46 0.00	20.75 -0.46 0.00	20.28 -0.45 0.00	20.24 -0.46 0.00	17.63 -0.39 0.00	19.91 -0.36 0.00
OUTOKUMPU-AB___DRP 24206	14.11 -0.35 0.00	15.41 -0.32 0.00	15.82 -0.25 0.00	15.36 -0.32 0.00	16.23 -0.26 0.00	17.71 -0.11 0.00	15.98 -0.23 0.00	17.74 -0.33 0.00	18.91 -0.34 0.00	17.78 -0.15 0.00	19.75 -0.22 0.00	20.65 -0.56 0.00	20.14 -0.69 0.00	21.02 -0.98 0.00	18.05 -0.80 0.06	17.65 -0.82 0.70	17.07 -0.87 1.05	20.76 -1.12 0.00	19.97 -0.97 0.00	20.21 -0.99 0.00	19.75 -0.98 0.00	19.65 -1.05 0.00	17.39 -0.63 0.00	19.85 -0.42 0.00
OXBOW____ 24026	14.06 -0.39 0.00	15.35 -0.38 0.00	15.75 -0.32 0.00	15.31 -0.37 0.00	16.16 -0.34 0.00	17.63 -0.18 0.00	15.90 -0.31 0.00	17.61 -0.46 0.00	18.74 -0.50 0.00	17.61 -0.33 0.00	19.55 -0.42 0.00	20.45 -0.76 0.00	19.95 -0.88 0.00	20.82 -1.18 0.00	17.87 -0.98 0.06	17.45 -1.01 0.71	16.84 -1.07 1.07	20.54 -1.34 0.00	19.75 -1.19 0.00	19.99 -1.21 0.00	19.55 -1.19 0.00	19.45 -1.25 0.00	17.27 -0.75 0.00	19.76 -0.52 0.00
OXY_CHEM_DSASP 323612	13.90 -0.55 0.00	15.19 -0.54 0.00	15.59 -0.48 0.00	15.14 -0.53 0.00	16.00 -0.50 0.00	17.45 -0.37 0.00	15.74 -0.47 0.00	17.38 -0.69 0.00	18.47 -0.77 0.00	17.33 -0.61 0.00	19.23 -0.74 0.00	20.11 -1.10 0.00	19.61 -1.22 0.00	20.45 -1.55 0.00	17.56 -1.29 0.06	17.15 -1.30 0.73	16.56 -1.33 1.09	20.18 -1.70 0.00	19.41 -1.53 0.00	19.63 -1.57 0.00	19.23 -1.51 0.00	19.13 -1.57 0.00	17.05 -0.96 0.00	19.54 -0.74 0.00
OZONE_PARK_ESR 323760	15.35 0.89 0.00	16.62 0.89 0.00	16.92 0.85 0.00	16.55 0.87 0.00	17.36 0.87 0.00	18.71 0.89 0.00	17.09 0.88 0.00	19.82 1.10 -0.66	20.43 1.19 0.00	19.15 1.13 -0.08	21.21 1.23 0.00	22.60 1.40 0.00	22.36 1.53 0.00	23.73 1.73 0.00	20.37 1.46 0.00	20.70 1.53 0.00	20.55 1.57 0.00	23.67 1.79 0.00	22.57 1.63 0.00	22.70 1.49 0.00	22.07 1.34 0.00	22.01 1.31 0.00	19.12 1.10 0.00	21.32 1.04 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	13.90 -0.55 0.00	15.19 -0.54 0.00	15.59 -0.48 0.00	15.14 -0.53 0.00	16.00 -0.50 0.00	17.45 -0.37 0.00	15.74 -0.47 0.00	17.38 -0.69 0.00	18.47 -0.77 0.00	17.33 -0.61 0.00	19.23 -0.74 0.00	20.11 -1.10 0.00	19.61 -1.22 0.00	20.45 -1.55 0.00	17.56 -1.29 0.06	17.15 -1.30 0.73	16.56 -1.33 1.09	20.18 -1.70 0.00	19.41 -1.53 0.00	19.63 -1.57 0.00	19.23 -1.51 0.00	19.13 -1.57 0.00	17.05 -0.96 0.00	19.54 -0.74 0.00
PACKARD___115KV_DUPONT_184 80571	13.90 -0.55 0.00	15.19 -0.54 0.00	15.59 -0.48 0.00	15.14 -0.53 0.00	16.00 -0.50 0.00	17.45 -0.37 0.00	15.74 -0.47 0.00	17.38 -0.69 0.00	18.47 -0.77 0.00	17.33 -0.61 0.00	19.23 -0.74 0.00	20.11 -1.10 0.00	19.61 -1.22 0.00	20.45 -1.55 0.00	17.56 -1.29 0.06	17.15 -1.30 0.73	16.56 -1.33 1.09	20.18 -1.70 0.00	19.41 -1.53 0.00	19.63 -1.57 0.00	19.23 -1.51 0.00	19.13 -1.57 0.00	17.05 -0.96 0.00	19.54 -0.74 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	15.24 0.79 0.00	16.53 0.81 0.00	16.84 0.77 0.00	16.45 0.77 0.00	17.25 0.76 0.00	18.59 0.77 0.00	16.98 0.77 0.00	19.68 0.95 -0.66	20.26 1.02 0.00	18.97 0.95 -0.08	21.00 1.03 0.00	22.39 1.18 0.00	22.13 1.30 0.00	23.47 1.47 0.00	20.14 1.23 0.00	20.45 1.29 0.00	20.31 1.33 0.00	23.39 1.52 0.00	22.31 1.37 0.00	22.45 1.25 0.00	21.80 1.06 0.00	21.76 1.06 0.00	18.92 0.91 0.00	21.10 0.83 0.00

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	15.24 0.78 0.00	16.56 0.83 0.00	16.87 0.80 0.00	16.45 0.77 0.00	17.23 0.74 0.00	18.61 0.79 0.00	16.94 0.72 0.00	19.64 0.91 -0.66	20.22 0.98 0.00	18.97 0.95 -0.08	21.00 1.03 0.00	22.38 1.18 0.00	22.13 1.29 0.00	23.47 1.47 0.00	20.14 1.24 0.00	20.41 1.24 0.00	20.26 1.27 0.00	23.33 1.46 0.00	22.25 1.31 0.00	22.40 1.20 0.00	21.75 1.01 0.00	21.72 1.01 0.00	18.88 0.86 0.00	21.04 0.76 0.00
PATROON__115KV_TB1 80586	14.86 0.40 0.00	16.07 0.35 0.00	16.39 0.32 0.00	16.01 0.34 0.00	16.81 0.32 0.00	18.12 0.30 0.00	16.54 0.33 0.00	18.57 0.37 -0.13	19.69 0.45 0.00	18.37 0.42 -0.02	20.48 0.51 0.00	21.70 0.49 0.00	21.19 0.36 0.00	22.43 0.43 0.00	19.27 0.36 0.00	19.58 0.41 0.00	19.50 0.51 0.00	22.49 0.62 0.00	21.48 0.55 0.00	21.73 0.52 0.00	21.16 0.42 0.00	21.14 0.43 0.00	18.41 0.39 0.00	20.58 0.31 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	14.22 -0.24 0.00	15.53 -0.20 0.00	15.94 -0.13 0.00	15.49 -0.18 0.00	16.36 -0.13 0.00	17.82 0.00 0.00	16.10 -0.11 0.00	17.99 -0.07 0.00	19.25 0.00 0.00	18.10 0.16 0.00	20.10 0.13 0.00	21.06 -0.15 0.00	20.54 -0.29 0.00	21.47 -0.53 0.00	18.44 -0.42 0.04	18.23 -0.45 0.49	17.77 -0.48 0.74	21.22 -0.66 0.00	20.38 -0.56 0.00	20.65 -0.56 0.00	20.14 -0.60 0.00	20.09 -0.62 0.00	17.64 -0.37 0.00	20.10 -0.17 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	15.26 0.80 0.00	16.53 0.80 0.00	16.83 0.76 0.00	16.46 0.78 0.00	17.28 0.78 0.00	18.63 0.81 0.00	17.03 0.82 0.00	19.34 1.03 -0.25	20.34 1.10 0.00	18.96 1.00 -0.03	21.07 1.10 0.00	22.45 1.25 0.00	22.16 1.33 0.00	23.49 1.49 0.00	20.18 1.28 0.00	20.49 1.32 0.00	20.35 1.37 0.00	23.49 1.61 0.00	22.41 1.47 0.00	22.54 1.34 0.00	21.94 1.20 0.00	21.89 1.18 0.00	19.01 0.99 0.00	21.22 0.94 0.00
PEEKSKILL____ 23653	15.12 0.66 0.00	16.37 0.64 0.00	16.68 0.60 0.00	16.30 0.63 0.00	17.11 0.62 0.00	18.44 0.62 0.00	16.83 0.61 0.00	19.62 0.78 -0.77	20.08 0.84 0.00	18.81 0.79 -0.10	20.82 0.85 0.00	22.21 1.00 0.00	21.94 1.11 0.00	23.27 1.28 0.00	19.97 1.06 0.00	20.29 1.12 0.00	20.15 1.17 0.00	23.23 1.35 0.00	22.15 1.21 0.00	22.28 1.08 0.00	21.69 0.95 0.00	21.65 0.94 0.00	18.81 0.80 0.00	21.00 0.73 0.00
PGE MADISON__WINDPWR 24146	15.23 0.77 0.00	16.57 0.84 0.00	16.89 0.82 0.00	16.42 0.75 0.00	17.51 1.01 0.00	18.95 1.13 0.00	17.21 1.00 0.00	19.25 1.19 0.00	20.40 1.16 0.00	18.94 1.00 0.00	21.10 1.12 0.00	22.22 1.01 0.00	22.00 1.16 0.00	23.23 1.23 0.00	20.11 1.21 0.00	20.23 1.06 0.00	19.96 0.97 0.00	22.98 1.11 0.00	21.96 1.03 0.00	22.62 1.42 0.00	22.21 1.47 0.00	22.17 1.46 0.00	19.13 1.12 0.00	21.48 1.20 0.00
PIERCEFIELD__HYD 23852	14.53 0.08 0.00	15.89 0.16 0.00	16.30 0.23 0.00	15.88 0.20 0.00	16.75 0.25 0.00	18.18 0.36 0.00	16.58 0.37 0.00	18.50 0.43 0.00	19.75 0.51 0.00	18.42 0.49 0.00	20.50 0.53 0.00	21.69 0.48 0.00	21.26 0.43 0.00	22.36 0.36 0.00	19.18 0.28 0.00	19.23 0.06 0.00	18.75 -0.23 0.00	21.54 -0.34 0.00	20.64 -0.30 0.00	21.14 -0.06 0.00	21.16 0.42 0.00	21.20 0.50 0.00	18.38 0.36 0.00	20.63 0.36 0.00
PINELAWN_CC_1 323563	34.73 1.04 -19.24	20.55 1.04 -3.79	19.59 1.04 -2.48	17.05 1.03 -0.35	19.36 1.07 -1.80	21.16 1.08 -2.26	27.07 1.08 -9.78	33.50 1.32 -14.11	32.99 1.39 -12.35	65.18 1.26 -45.99	39.05 1.33 -17.74	29.65 1.49 -6.95	25.41 1.56 -3.02	26.79 1.70 -3.09	29.68 1.43 -9.35	311.61 1.56 -290.89	25.81 1.67 -5.16	23.70 1.82 0.00	42.66 1.69 -20.03	30.74 1.68 -7.85	29.99 1.54 -7.72	33.31 1.51 -11.09	22.25 1.34 -2.89	22.20 1.26 -0.66
PJM_GEN_HTP_PROXY 323702	14.94 0.75 0.27	16.47 0.74 0.00	16.77 0.70 0.00	16.41 0.74 0.00	17.21 0.72 0.00	18.56 0.74 0.00	16.95 0.73 0.00	19.65 0.93 -0.66	20.24 0.99 0.00	18.96 0.94 -0.08	21.02 1.05 0.00	22.40 1.20 0.00	22.16 1.32 0.00	23.51 1.51 0.00	20.17 1.26 0.00	20.49 1.33 0.00	20.35 1.37 0.00	23.43 1.56 0.00	22.34 1.40 0.00	22.47 1.27 0.00	21.84 1.11 0.00	21.79 1.08 0.00	18.93 0.91 0.00	21.10 0.83 0.00
PJM_GEN_KEystone 24065	12.39 0.16 2.22	15.89 0.16 0.00	16.23 0.16 0.00	15.86 0.19 0.00	16.67 0.17 0.00	18.01 0.19 0.00	16.34 0.12 0.00	17.36 0.26 0.97	19.57 0.32 0.00	18.17 0.35 0.12	20.34 0.36 0.00	21.56 0.35 0.00	21.24 0.41 0.00	22.41 0.41 0.00	19.24 0.34 0.00	19.56 0.39 0.00	19.35 0.37 0.00	22.25 0.37 0.00	21.26 0.33 0.00	21.43 0.23 0.00	20.86 0.13 0.00	20.85 0.15 0.00	17.23 0.15 0.94	22.10 0.20 -1.62
PJM_GEN_NEPTUNE_PROXY 323594	23.37 0.88 -8.04	18.25 0.89 -1.63	18.00 0.86 -1.07	16.70 0.88 -0.15	18.17 0.89 -0.78	19.70 0.90 -0.98	21.34 0.88 -4.25	25.65 1.09 -6.50	25.76 1.15 -5.36	39.00 1.06 -20.01	28.78 1.09 -7.71	25.51 1.28 -3.02	23.51 1.37 -1.31	24.87 1.53 -1.34	24.24 1.27 -4.06	152.35 1.33 -131.85	22.62 1.40 -2.24	23.42 1.54 0.00	31.19 1.42 -8.83	25.98 1.37 -3.40	25.30 1.23 -3.33	26.71 1.22 -4.79	20.36 1.10 -1.25	21.58 1.02 -0.29
PJM_GEN_VFT_PROXY 323633	14.90 0.71 0.27	16.42 0.69 0.00	16.72 0.65 0.00	16.37 0.69 0.00	17.16 0.67 0.00	18.48 0.66 0.00	16.86 0.65 0.00	19.54 0.82 -0.66	20.13 0.88 0.00	18.87 0.85 -0.08	20.92 0.95 0.00	22.30 1.09 0.00	22.07 1.24 0.00	23.43 1.43 0.00	20.11 1.20 0.00	20.43 1.26 0.00	20.28 1.30 0.00	23.36 1.48 0.00	22.28 1.34 0.00	22.38 1.18 0.00	21.77 1.03 0.00	21.72 1.01 0.00	18.87 0.85 0.00	21.04 0.77 0.00
PLATSBURG_115KV_PMLD1 355749	14.70 0.24 0.00	15.93 0.20 0.00	16.41 0.34 0.00	16.05 0.37 0.00	17.07 0.58 0.00	18.49 0.67 0.00	16.92 0.70 0.00	18.85 0.79 0.00	20.30 1.06 0.00	18.82 0.89 0.00	20.88 0.90 0.00	22.20 0.99 0.00	21.67 0.84 0.00	22.84 0.84 0.00	19.60 0.69 0.00	19.82 0.65 0.00	19.45 0.47 0.00	22.10 0.22 0.00	21.19 0.25 0.00	21.40 0.20 0.00	21.52 0.78 0.00	21.68 0.98 0.00	18.68 0.66 0.00	21.02 0.74 0.00
PLEASANTVLY__LBMP 24000	15.08 0.63 0.00	16.35 0.62 0.00	16.65 0.58 0.00	16.28 0.61 0.00	17.09 0.60 0.00	18.42 0.60 0.00	16.81 0.60 0.00	19.13 0.75 -0.31	20.03 0.78 0.00	18.69 0.71 -0.04	20.76 0.78 0.00	22.13 0.92 0.00	21.83 0.99 0.00	23.13 1.13 0.00	19.82 0.92 0.00	20.14 0.97 0.00	20.00 1.02 0.00	23.08 1.20 0.00	22.02 1.08 0.00	22.18 0.97 0.00	21.58 0.85 0.00	21.55 0.85 0.00	18.74 0.73 0.00	20.95 0.67 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	15.17 0.72 0.00	16.43 0.70 0.00	16.74 0.67 0.00	16.37 0.70 0.00	17.18 0.69 0.00	18.52 0.70 0.00	16.90 0.69 0.00	19.46 0.87 -0.51	20.17 0.93 0.00	18.87 0.87 -0.06	20.95 0.97 0.00	22.33 1.12 0.00	22.05 1.21 0.00	23.38 1.39 0.00	20.05 1.15 0.00	20.35 1.19 0.00	20.23 1.24 0.00	23.30 1.42 0.00	22.23 1.29 0.00	22.36 1.16 0.00	21.78 1.04 0.00	21.72 1.02 0.00	18.88 0.86 0.00	21.07 0.80 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	15.17 0.72 0.00	16.43 0.70 0.00	16.74 0.67 0.00	16.37 0.70 0.00	17.18 0.69 0.00	18.52 0.70 0.00	16.90 0.69 0.00	19.46 0.87 -0.51	20.17 0.93 0.00	18.87 0.87 -0.06	20.95 0.97 0.00	22.33 1.12 0.00	22.05 1.21 0.00	23.38 1.39 0.00	20.05 1.15 0.00	20.35 1.19 0.00	20.23 1.24 0.00	23.30 1.42 0.00	22.23 1.29 0.00	22.36 1.16 0.00	21.78 1.04 0.00	21.72 1.02 0.00	18.88 0.86 0.00	21.07 0.80 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	15.18 0.72 0.00	16.44 0.72 0.00	16.75 0.68 0.00	16.38 0.70 0.00	17.20 0.71 0.00	18.54 0.72 0.00	16.94 0.73 0.00	19.14 0.91 -0.16	20.20 0.96 0.00	18.82 0.87 -0.02	20.92 0.95 0.00	22.30 1.09 0.00	21.99 1.15 0.00	23.30 1.30 0.00	20.00 1.09 0.00	20.32 1.15 0.00	20.20 1.21 0.00	23.30 1.43 0.00	22.24 1.30 0.00	22.38 1.18 0.00	21.79 1.06 0.00	21.75 1.04 0.00	18.90 0.88 0.00	21.11 0.84 0.00
POLETTI____ 23519	15.21 0.75 0.00	16.48 0.75 0.00	16.77 0.71 0.00	16.42 0.74 0.00	17.21 0.72 0.00	18.55 0.73 0.00	16.92 0.71 0.00	19.62 0.89 -0.66	20.20 0.96 0.00	18.94 0.92 -0.08	20.99 1.01 0.00	22.37 1.16 0.00	22.12 1.29 0.00	23.47 1.47 0.00	20.14 1.24 0.00	20.46 1.29 0.00	20.31 1.33 0.00	23.39 1.52 0.00	22.30 1.37 0.00	22.43 1.23 0.00	21.81 1.07 0.00	21.76 1.05 0.00	18.91 0.90 0.00	21.09 0.82 0.00
PORT_JEFF_3 23555	34.72 1.02 -19.24	20.56 1.04 -3.79	19.60 1.05 -2.48	17.08 1.06 -0.35	19.40 1.11 -1.80	21.17 1.09 -2.26	27.05 1.06 -9.78	33.46 1.28 -14.11	32.97 1.37 -12.35	65.16 1.24 -45.99	38.97 1.25 -17.74	29.63 1.48 -6.95	25.35 1.50 -3.02	26.73 1.64 -3.09	29.61 1.35 -9.35	317.85 1.46 -297.22	25.69 1.55 -5.16	23.54 1.67 0.00	42.68 1.57 -20.18	30.71 1.66 -7.85	29.96 1.51 -7.72	33.25 1.45 -11.09	22.20 1.30 -2.89	22.17 1.23 -0.66
PORT_JEFF_4 23616	34.72 1.02 -19.24	20.56 1.04 -3.79	19.60 1.05 -2.48	17.08 1.06 -0.35	19.40 1.11 -1.80	21.17 1.09 -2.26	27.05 1.06 -9.78	33.46 1.28 -14.11	32.97 1.37 -12.35	65.16 1.24 -45.99	38.97 1.25 -17.74	29.63 1.48 -6.95	25.35 1.50 -3.02	26.73 1.64 -3.09	29.61 1.35 -9.35	317.85 1.46 -297.22	25.69 1.55 -5.16	23.54 1.67 0.00	42.68 1.57 -20.18	30.71 1.66 -7.85	29.96 1.51 -7.72	33.25 1.45 -11.09	22.20 1.30 -2.89	22.17 1.23 -0.66
PORT_JEFF_IC 23713	34.73 1.03 -19.24	20.57 1.05 -3.79	19.62 1.07 -2.48	17.08 1.06 -0.35	19.41 1.12 -1.80	21.18 1.10 -2.26	27.06 1.07 -9.78	33.47 1.30 -14.11	32.98 1.38 -12.35	65.17 1.25 -45.99	38.98 1.26 -17.74	29.64 1.49 -6.95	25.36 1.52 -3.02	26.73 1.65 -3.09	29.61 1.36 -9.35	317.87 1.48 -297.22	25.68 1.54 -5.16	23.49 1.61 0.00	42.64 1.52 -20.18	30.74 1.68 -7.85	29.99 1.53 -7.72	33.27 1.47 -11.09	22.22 1.32 -2.89	22.19 1.25 -0.66
PPL PILGRIM_ST_GT1 24216	34.81 1.11 -19.24	20.64 1.13 -3.79	19.68 1.13 -2.48	17.15 1.13 -0.35	19.47 1.18 -1.80	21.27 1.19 -2.26	27.16 1.17 -9.78	33.59 1.40 -14.11	33.09 1.49 -12.35	65.27 1.35 -45.99	39.08 1.35 -17.74	29.78 1.62 -6.95	25.54 1.69 -3.02	26.92 1.84 -3.09	29.79 1.54 -9.35	318.03 1.64 -297.22	25.84 1.70 -5.16	23.59 1.72 0.00	42.74 1.62 -20.18	30.87 1.81 -7.85	30.11 1.66 -7.72	33.42 1.62 -11.09	22.34 1.43 -2.89	22.32 1.38 -0.66
PPL PILGRIM_ST_GT2 24217	34.81 1.11 -19.24	20.64 1.13 -3.79	19.68 1.13 -2.48	17.15 1.13 -0.35	19.47 1.18 -1.80	21.27 1.19 -2.26	27.16 1.17 -9.78	33.59 1.40 -14.11	33.09 1.49 -12.35	65.27 1.35 -45.99	39.08 1.35 -17.74	29.78 1.62 -6.95	25.54 1.69 -3.02	26.92 1.84 -3.09	29.79 1.54 -9.35	318.03 1.64 -297.22	25.84 1.70 -5.16	23.59 1.72 0.00	42.74 1.62 -20.18	30.87 1.81 -7.85	30.11 1.66 -7.72	33.42 1.62 -11.09	22.34 1.43 -2.89	22.32 1.38 -0.66
PPL_SHRM_GT3 24213	34.57 0.87 -19.24	20.43 0.91 -3.79	19.50 0.95 -2.48	16.99 0.97 -0.35	19.28 0.99 -1.80	21.03 0.95 -2.26	26.82 0.83 -9.78	33.20 1.02 -14.11	32.69 1.09 -12.35	64.93 1.01 -45.99	38.73 1.01 -17.74	29.38 1.22 -6.95	25.07 1.22 -3.02	26.45 1.36 -3.09	29.35 1.09 -9.35	317.42 1.03 -297.22	25.35 1.21 -5.16	23.30 1.42 0.00	42.46 1.34 -20.18	30.44 1.38 -7.85	29.68 1.23 -7.72	32.96 1.16 -11.09	21.95 1.04 -2.89	21.85 0.91 -0.66
PPL_SHRM_GT4 24214	34.57 0.87 -19.24	20.43 0.91 -3.79	19.50 0.95 -2.48	16.99 0.97 -0.35	19.28 0.99 -1.80	21.03 0.95 -2.26	26.82 0.83 -9.78	33.20 1.02 -14.11	32.69 1.09 -12.35	64.93 1.01 -45.99	38.73 1.01 -17.74	29.38 1.22 -6.95	25.07 1.22 -3.02	26.45 1.36 -3.09	29.35 1.09 -9.35	317.42 1.03 -297.22	25.35 1.21 -5.16	23.30 1.42 0.00	42.46 1.34 -20.18	30.44 1.38 -7.85	29.68 1.23 -7.72	32.96 1.16 -11.09	21.95 1.04 -2.89	21.85 0.91 -0.66
PROJECT____ORANGE 1 24174	14.34 -0.12 0.00	15.61 -0.12 0.00	15.95 -0.12 0.00	15.55 -0.12 0.00	16.38 -0.11 0.00	17.72 -0.11 0.00	16.08 -0.14 0.00	17.90 -0.17 0.00	19.09 -0.16 0.00	17.82 -0.11 0.00	19.86 -0.12 0.00	21.06 -0.14 0.00	20.66 -0.17 0.00	21.79 -0.21 0.00	18.73 -0.17 0.00	18.98 -0.19 0.00	18.78 -0.21 0.00	21.65 -0.23 0.00	20.75 -0.18 0.00	21.03 -0.17 0.00	20.54 -0.20 0.00	20.50 -0.21 0.00	17.84 -0.18 0.00	20.15 -0.12 0.00
PROJECT____ORANGE 2 24166	14.34 -0.12 0.00	15.61 -0.12 0.00	15.95 -0.12 0.00	15.55 -0.12 0.00	16.38 -0.11 0.00	17.72 -0.11 0.00	16.08 -0.14 0.00	17.90 -0.17 0.00	19.09 -0.16 0.00	17.82 -0.11 0.00	19.86 -0.12 0.00	21.06 -0.14 0.00	20.66 -0.17 0.00	21.79 -0.21 0.00	18.73 -0.17 0.00	18.98 -0.19 0.00	18.78 -0.21 0.00	21.65 -0.23 0.00	20.75 -0.18 0.00	21.03 -0.17 0.00	20.54 -0.20 0.00	20.50 -0.21 0.00	17.84 -0.18 0.00	20.15 -0.12 0.00
PUCKETT____SOLAR 323809	14.70 0.24 0.00	16.00 0.27 0.00	16.35 0.28 0.00	15.95 0.28 0.00	16.82 0.33 0.00	18.19 0.37 0.00	16.52 0.31 0.00	18.47 0.40 0.00	19.67 0.42 0.00	18.29 0.36 0.00	20.34 0.37 0.00	21.53 0.33 0.00	21.20 0.37 0.00	22.47 0.47 0.00	19.39 0.48 0.00	19.59 0.42 0.00	19.37 0.38 0.00	22.28 0.40 0.00	21.34 0.41 0.00	21.69 0.48 0.00	21.17 0.43 0.00	21.17 0.46 0.00	18.37 0.36 0.00	20.71 0.43 0.00
PYRITES____HYD 24023	14.71 0.25 0.00	16.08 0.35 0.00	16.49 0.42 0.00	16.07 0.39 0.00	16.94 0.45 0.00	18.42 0.60 0.00	16.80 0.59 0.00	18.75 0.69 0.00	20.01 0.77 0.00	18.68 0.75 0.00	20.81 0.83 0.00	21.97 0.77 0.00	21.52 0.69 0.00	22.68 0.68 0.00	19.50 0.60 0.00	19.57 0.41 0.00	19.14 0.15 0.00	22.03 0.15 0.00	21.08 0.14 0.00	21.54 0.33 0.00	21.49 0.76 0.00	21.49 0.79 0.00	18.62 0.60 0.00	20.88 0.61 0.00
QUAKERRD_115KV_BK1 80622	13.93 -0.53 0.00	15.17 -0.56 0.00	15.52 -0.55 0.00	15.11 -0.56 0.00	15.94 -0.56 0.00	17.31 -0.51 0.00	15.70 -0.51 0.00	17.48 -0.59 0.00	18.65 -0.60 0.00	17.45 -0.48 0.00	19.42 -0.55 0.00	20.49 -0.72 0.00	20.03 -0.81 0.00	21.00 -0.99 0.00	18.08 -0.83 0.00	18.31 -0.86 0.00	18.13 -0.86 0.00	20.86 -1.02 0.00	20.03 -0.90 0.00	20.30 -0.90 0.00	19.84 -0.89 0.00	19.76 -0.94 0.00	17.27 -0.74 0.00	19.57 -0.70 0.00

QUENSBRY_115KV_TB8 356137	15.61 1.16 0.00	16.95 1.22 0.00	17.27 1.20 0.00	16.85 1.18 0.00	17.76 1.27 0.00	19.20 1.38 0.00	17.61 1.40 0.00	19.70 1.51 -0.13	20.73 1.49 0.00	19.28 1.33 -0.02	21.45 1.47 0.00	22.85 1.65 0.00	22.25 1.41 0.00	23.65 1.65 0.00	20.21 1.31 0.00	20.48 1.31 0.00	20.44 1.46 0.00	23.90 2.02 0.00	22.87 1.93 0.00	23.05 1.85 0.00	22.52 1.79 0.00	22.54 1.84 0.00	19.59 1.58 0.00	21.90 1.62 0.00
RAMAPO____LBMP 323565	15.06 0.60 0.00	16.31 0.58 0.00	16.61 0.54 0.00	16.25 0.58 0.00	17.05 0.56 0.00	18.38 0.56 0.00	16.74 0.53 0.00	17.86 0.69 0.90	19.99 0.74 0.00	18.51 0.69 0.11	20.73 0.75 0.00	22.10 0.90 0.00	21.86 1.03 0.00	23.18 1.19 0.00	19.88 0.98 0.00	20.21 1.04 0.00	20.06 1.08 0.00	23.12 1.25 0.00	22.06 1.12 0.00	22.18 0.98 0.00	21.60 0.86 0.00	21.56 0.85 0.00	18.74 0.72 0.00	20.94 0.66 0.00
RANKINE____ 23646	14.16 -0.30 0.00	15.47 -0.26 0.00	15.88 -0.19 0.00	15.42 -0.25 0.00	16.30 -0.19 0.00	17.77 -0.06 0.00	16.05 -0.16 0.00	17.91 -0.15 0.00	19.14 -0.10 0.00	18.00 0.07 0.00	19.99 0.02 0.00	20.91 -0.30 0.00	20.38 -0.45 0.00	21.28 -0.72 0.00	18.28 -0.59 0.05	18.03 -0.58 0.56	17.54 -0.60 0.84	21.08 -0.80 0.00	20.26 -0.68 0.00	20.53 -0.67 0.00	20.04 -0.70 0.00	19.97 -0.73 0.00	17.57 -0.44 0.00	20.04 -0.24 0.00
RAVENSWOOD_GT2_1 24244	15.22 0.76 0.00	16.48 0.75 0.00	16.78 0.71 0.00	16.41 0.74 0.00	17.22 0.73 0.00	18.55 0.73 0.00	16.94 0.73 0.00	19.65 0.92 -0.66	20.23 0.99 0.00	18.96 0.94 -0.08	21.01 1.03 0.00	22.39 1.19 0.00	22.15 1.31 0.00	23.50 1.50 0.00	20.16 1.25 0.00	20.48 1.32 0.00	20.34 1.36 0.00	23.43 1.55 0.00	22.34 1.40 0.00	22.46 1.26 0.00	21.84 1.10 0.00	21.79 1.08 0.00	18.94 0.92 0.00	21.12 0.84 0.00
RAVENSWOOD_GT2_2 24245	15.22 0.76 0.00	16.48 0.75 0.00	16.78 0.71 0.00	16.41 0.74 0.00	17.22 0.73 0.00	18.55 0.73 0.00	16.94 0.73 0.00	19.65 0.92 -0.66	20.23 0.99 0.00	18.96 0.94 -0.08	21.01 1.03 0.00	22.39 1.19 0.00	22.15 1.31 0.00	23.50 1.50 0.00	20.16 1.25 0.00	20.48 1.32 0.00	20.34 1.36 0.00	23.43 1.55 0.00	22.34 1.40 0.00	22.46 1.26 0.00	21.84 1.10 0.00	21.79 1.08 0.00	18.94 0.92 0.00	21.12 0.84 0.00
RAVENSWOOD_GT2_3 24246	15.22 0.77 0.00	16.49 0.76 0.00	16.79 0.72 0.00	16.42 0.74 0.00	17.23 0.74 0.00	18.56 0.74 0.00	16.95 0.74 0.00	19.66 0.93 -0.66	20.24 1.00 0.00	18.97 0.95 -0.08	21.02 1.05 0.00	22.40 1.19 0.00	22.16 1.32 0.00	23.51 1.51 0.00	20.17 1.27 0.00	20.49 1.33 0.00	20.35 1.37 0.00	23.44 1.56 0.00	22.35 1.41 0.00	22.47 1.27 0.00	21.85 1.11 0.00	21.80 1.09 0.00	18.95 0.93 0.00	21.13 0.86 0.00
RAVENSWOOD_GT2_4 24247	15.22 0.77 0.00	16.49 0.76 0.00	16.79 0.72 0.00	16.42 0.74 0.00	17.23 0.74 0.00	18.56 0.74 0.00	16.95 0.74 0.00	19.66 0.93 -0.66	20.24 1.00 0.00	18.97 0.95 -0.08	21.02 1.05 0.00	22.40 1.19 0.00	22.16 1.32 0.00	23.51 1.51 0.00	20.17 1.27 0.00	20.49 1.33 0.00	20.35 1.37 0.00	23.44 1.56 0.00	22.35 1.41 0.00	22.47 1.27 0.00	21.85 1.11 0.00	21.80 1.09 0.00	18.95 0.93 0.00	21.13 0.86 0.00
RAVENSWOOD_GT3_1 24248	15.21 0.76 0.00	16.48 0.75 0.00	16.78 0.71 0.00	16.41 0.74 0.00	17.22 0.73 0.00	18.55 0.73 0.00	16.94 0.73 0.00	19.64 0.92 -0.66	20.23 0.99 0.00	18.96 0.94 -0.08	21.01 1.03 0.00	22.39 1.19 0.00	22.15 1.31 0.00	23.50 1.50 0.00	20.16 1.25 0.00	20.48 1.32 0.00	20.34 1.36 0.00	23.42 1.55 0.00	22.34 1.40 0.00	22.45 1.25 0.00	21.84 1.10 0.00	21.78 1.08 0.00	18.93 0.91 0.00	21.12 0.84 0.00
RAVENSWOOD_GT3_2 24249	15.21 0.76 0.00	16.48 0.75 0.00	16.78 0.71 0.00	16.41 0.74 0.00	17.22 0.73 0.00	18.55 0.73 0.00	16.94 0.73 0.00	19.64 0.92 -0.66	20.23 0.99 0.00	18.96 0.94 -0.08	21.01 1.03 0.00	22.39 1.19 0.00	22.15 1.31 0.00	23.50 1.50 0.00	20.16 1.25 0.00	20.48 1.32 0.00	20.34 1.36 0.00	23.42 1.55 0.00	22.34 1.40 0.00	22.45 1.25 0.00	21.84 1.10 0.00	21.78 1.08 0.00	18.93 0.91 0.00	21.12 0.84 0.00
RAVENSWOOD_GT3_3 24250	15.24 0.79 0.00	16.50 0.78 0.00	16.81 0.73 0.00	16.44 0.76 0.00	17.25 0.75 0.00	18.58 0.76 0.00	16.97 0.75 0.00	19.68 0.95 -0.66	20.27 1.02 0.00	18.99 0.97 -0.08	21.04 1.07 0.00	22.43 1.22 0.00	22.18 1.35 0.00	23.54 1.54 0.00	20.20 1.29 0.00	20.52 1.35 0.00	20.37 1.39 0.00	23.46 1.59 0.00	22.38 1.44 0.00	22.50 1.30 0.00	21.87 1.14 0.00	21.82 1.12 0.00	18.97 0.95 0.00	21.15 0.88 0.00
RAVENSWOOD_GT3_4 24251	15.24 0.78 0.00	16.50 0.77 0.00	16.81 0.73 0.00	16.43 0.76 0.00	17.25 0.75 0.00	18.58 0.76 0.00	16.97 0.75 0.00	19.68 0.95 -0.66	20.27 1.02 0.00	18.99 0.97 -0.08	21.04 1.07 0.00	22.43 1.22 0.00	22.19 1.36 0.00	23.54 1.54 0.00	20.20 1.30 0.00	20.52 1.36 0.00	20.38 1.40 0.00	23.46 1.59 0.00	22.38 1.44 0.00	22.49 1.29 0.00	21.87 1.14 0.00	21.82 1.12 0.00	18.97 0.95 0.00	21.15 0.88 0.00
RAVENSWOOD_GT_1 23729	15.25 0.80 0.00	16.52 0.79 0.00	16.82 0.75 0.00	16.45 0.77 0.00	17.26 0.76 0.00	18.59 0.77 0.00	16.99 0.78 0.00	19.70 0.97 -0.66	20.29 1.04 0.00	19.02 1.01 -0.08	21.07 1.09 0.00	22.46 1.25 0.00	22.21 1.38 0.00	23.56 1.57 0.00	20.23 1.32 0.00	20.55 1.39 0.00	20.41 1.42 0.00	23.50 1.62 0.00	22.40 1.46 0.00	22.52 1.32 0.00	21.89 1.15 0.00	21.84 1.13 0.00	18.98 0.96 0.00	21.15 0.88 0.00
RAVENSWOOD_GT_10 24258	15.21 0.76 0.00	16.48 0.75 0.00	16.78 0.71 0.00	16.42 0.75 0.00	17.22 0.73 0.00	18.56 0.74 0.00	16.94 0.73 0.00	19.64 0.92 -0.66	20.23 0.99 0.00	18.96 0.94 -0.08	21.00 1.03 0.00	22.39 1.19 0.00	22.15 1.31 0.00	23.49 1.50 0.00	20.16 1.26 0.00	20.48 1.31 0.00	20.33 1.35 0.00	23.42 1.55 0.00	22.34 1.40 0.00	22.46 1.26 0.00	21.84 1.10 0.00	21.79 1.08 0.00	18.93 0.91 0.00	21.12 0.84 0.00
RAVENSWOOD_GT_11 24259	15.21 0.76 0.00	16.48 0.75 0.00	16.78 0.71 0.00	16.41 0.74 0.00	17.22 0.73 0.00	18.55 0.73 0.00	16.94 0.73 0.00	19.64 0.92 -0.66	20.23 0.99 0.00	18.96 0.94 -0.08	21.00 1.03 0.00	22.39 1.19 0.00	22.15 1.31 0.00	23.50 1.50 0.00	20.16 1.25 0.00	20.48 1.32 0.00	20.34 1.36 0.00	23.42 1.54 0.00	22.34 1.40 0.00	22.45 1.25 0.00	21.84 1.10 0.00	21.78 1.08 0.00	18.93 0.91 0.00	21.12 0.84 0.00
RAVENSWOOD_GT_4 24252	15.22 0.76 0.00	16.48 0.75 0.00	16.79 0.72 0.00	16.42 0.75 0.00	17.22 0.73 0.00	18.56 0.74 0.00	16.94 0.73 0.00	19.65 0.92 -0.66	20.23 0.99 0.00	18.96 0.94 -0.08	21.00 1.03 0.00	22.39 1.19 0.00	22.15 1.31 0.00	23.49 1.50 0.00	20.16 1.26 0.00	20.48 1.32 0.00	20.33 1.35 0.00	23.42 1.55 0.00	22.34 1.40 0.00	22.46 1.26 0.00	21.84 1.10 0.00	21.79 1.09 0.00	18.93 0.91 0.00	21.12 0.85 0.00

RAVENSWOOD_GT_5 24254	15.22 0.76 0.00	16.48 0.75 0.00	16.79 0.72 0.00	16.42 0.75 0.00	17.22 0.73 0.00	18.56 0.74 0.00	16.94 0.73 0.00	19.65 0.92 -0.66	20.23 0.99 0.00	18.96 0.94 -0.08	21.00 1.03 0.00	22.39 1.19 0.00	22.15 1.31 0.00	23.49 1.50 0.00	20.16 1.26 0.00	20.48 1.32 0.00	20.33 1.35 0.00	23.42 1.55 0.00	22.34 1.40 0.00	22.46 1.26 0.00	21.84 1.10 0.00	21.79 1.09 0.00	18.93 0.91 0.00	21.12 0.85 0.00
RAVENSWOOD_GT_6 24253	15.22 0.76 0.00	16.48 0.75 0.00	16.79 0.72 0.00	16.42 0.75 0.00	17.22 0.73 0.00	18.56 0.74 0.00	16.94 0.73 0.00	19.65 0.92 -0.66	20.23 0.99 0.00	18.96 0.94 -0.08	21.00 1.03 0.00	22.39 1.19 0.00	22.15 1.31 0.00	23.49 1.50 0.00	20.16 1.26 0.00	20.48 1.32 0.00	20.33 1.35 0.00	23.42 1.55 0.00	22.34 1.40 0.00	22.46 1.26 0.00	21.84 1.10 0.00	21.79 1.09 0.00	18.93 0.91 0.00	21.12 0.85 0.00
RAVENSWOOD_GT_7 24255	15.22 0.76 0.00	16.48 0.75 0.00	16.79 0.72 0.00	16.42 0.75 0.00	17.22 0.73 0.00	18.56 0.74 0.00	16.94 0.73 0.00	19.65 0.92 -0.66	20.23 0.99 0.00	18.96 0.94 -0.08	21.00 1.03 0.00	22.39 1.19 0.00	22.15 1.31 0.00	23.49 1.50 0.00	20.16 1.26 0.00	20.48 1.32 0.00	20.33 1.35 0.00	23.42 1.55 0.00	22.34 1.40 0.00	22.46 1.26 0.00	21.84 1.10 0.00	21.79 1.09 0.00	18.93 0.91 0.00	21.12 0.85 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	15.21 0.76 0.00	16.48 0.75 0.00	16.78 0.71 0.00	16.42 0.75 0.00	17.22 0.73 0.00	18.56 0.74 0.00	16.94 0.73 0.00	19.64 0.92 -0.66	20.23 0.99 0.00	18.96 0.94 -0.08	21.00 1.03 0.00	22.39 1.19 0.00	22.15 1.31 0.00	23.49 1.50 0.00	20.16 1.26 0.00	20.48 1.31 0.00	20.33 1.35 0.00	23.42 1.55 0.00	22.34 1.40 0.00	22.46 1.26 0.00	21.84 1.10 0.00	21.79 1.08 0.00	18.93 0.91 0.00	21.12 0.84 0.00
RAVENSWOOD_GT_9 24257	15.21 0.76 0.00	16.48 0.75 0.00	16.78 0.71 0.00	16.41 0.74 0.00	17.22 0.73 0.00	18.55 0.73 0.00	16.94 0.73 0.00	19.64 0.92 -0.66	20.23 0.99 0.00	18.96 0.94 -0.08	21.00 1.03 0.00	22.39 1.19 0.00	22.15 1.31 0.00	23.50 1.50 0.00	20.16 1.25 0.00	20.48 1.32 0.00	20.34 1.36 0.00	23.42 1.54 0.00	22.34 1.40 0.00	22.45 1.25 0.00	21.84 1.10 0.00	21.78 1.08 0.00	18.93 0.91 0.00	21.12 0.84 0.00
RAVENSWOOD___1 23533	15.23 0.77 0.00	16.49 0.76 0.00	16.79 0.72 0.00	16.41 0.74 0.00	17.23 0.73 0.00	18.55 0.73 0.00	16.96 0.74 0.00	19.66 0.93 -0.66	20.24 1.00 0.00	18.98 0.96 -0.08	21.02 1.05 0.00	22.41 1.20 0.00	22.17 1.33 0.00	23.52 1.52 0.00	20.18 1.28 0.00	20.50 1.34 0.00	20.36 1.38 0.00	23.44 1.57 0.00	22.36 1.42 0.00	22.48 1.28 0.00	21.85 1.12 0.00	21.80 1.09 0.00	18.95 0.93 0.00	21.12 0.84 0.00
RAVENSWOOD___2 23534	15.23 0.77 0.00	16.49 0.76 0.00	16.79 0.72 0.00	16.41 0.74 0.00	17.23 0.73 0.00	18.55 0.73 0.00	16.96 0.74 0.00	19.66 0.93 -0.66	20.24 1.00 0.00	18.98 0.96 -0.08	21.02 1.05 0.00	22.41 1.20 0.00	22.17 1.33 0.00	23.52 1.52 0.00	20.18 1.28 0.00	20.50 1.34 0.00	20.36 1.38 0.00	23.44 1.57 0.00	22.36 1.42 0.00	22.48 1.28 0.00	21.85 1.12 0.00	21.80 1.09 0.00	18.95 0.93 0.00	21.12 0.84 0.00
RAVENSWOOD___3 23535	15.22 0.76 0.00	16.48 0.75 0.00	16.78 0.71 0.00	16.41 0.74 0.00	17.22 0.73 0.00	18.55 0.73 0.00	16.95 0.73 0.00	19.65 0.92 -0.66	20.23 0.99 0.00	18.96 0.94 -0.08	21.01 1.03 0.00	22.39 1.19 0.00	22.15 1.31 0.00	23.50 1.50 0.00	20.16 1.26 0.00	20.48 1.32 0.00	20.34 1.36 0.00	23.43 1.55 0.00	22.34 1.40 0.00	22.46 1.26 0.00	21.84 1.11 0.00	21.79 1.09 0.00	18.94 0.92 0.00	21.12 0.85 0.00
RAVENSWOOD___4 23820	15.23 0.77 0.00	16.49 0.76 0.00	16.79 0.72 0.00	16.41 0.74 0.00	17.23 0.73 0.00	18.55 0.73 0.00	16.96 0.74 0.00	19.66 0.93 -0.66	20.24 1.00 0.00	18.98 0.96 -0.08	21.02 1.05 0.00	22.41 1.20 0.00	22.17 1.33 0.00	23.52 1.52 0.00	20.18 1.28 0.00	20.50 1.34 0.00	20.36 1.38 0.00	23.44 1.57 0.00	22.36 1.42 0.00	22.48 1.28 0.00	21.85 1.12 0.00	21.80 1.09 0.00	18.95 0.93 0.00	21.12 0.84 0.00
RCPL_TRUST___DRP 24196	15.22 0.76 0.00	16.49 0.76 0.00	16.79 0.72 0.00	16.43 0.76 0.00	17.24 0.74 0.00	18.58 0.76 0.00	16.96 0.75 0.00	19.68 0.95 -0.66	20.27 1.02 0.00	18.99 0.97 -0.08	21.05 1.07 0.00	22.44 1.24 0.00	22.19 1.36 0.00	23.54 1.54 0.00	20.20 1.30 0.00	20.52 1.36 0.00	20.38 1.39 0.00	23.47 1.59 0.00	22.38 1.44 0.00	22.50 1.30 0.00	21.87 1.13 0.00	21.81 1.11 0.00	18.95 0.93 0.00	21.13 0.85 0.00
RED___ROCHESTER 323720	14.39 -0.07 0.00	15.66 -0.07 0.00	16.03 -0.04 0.00	15.60 -0.08 0.00	16.46 -0.04 0.00	17.89 0.07 0.00	16.23 0.02 0.00	18.09 0.02 0.00	19.32 0.08 0.00	18.10 0.17 0.00	20.12 0.15 0.00	21.20 0.00 0.00	20.71 -0.12 0.00	21.69 -0.30 0.00	18.66 -0.24 0.00	18.89 -0.28 0.00	18.68 -0.30 0.00	21.52 -0.36 0.00	20.68 -0.25 0.00	20.97 -0.23 0.00	20.48 -0.26 0.00	20.40 -0.31 0.00	17.84 -0.17 0.00	20.24 -0.03 0.00
REGAN___SOLAR 323812	15.80 1.34 0.00	17.26 1.53 0.00	17.57 1.50 0.00	17.16 1.48 0.00	18.03 1.53 0.00	19.67 1.85 0.00	17.81 1.59 0.00	19.94 1.77 -0.10	21.25 2.01 0.00	19.92 1.97 -0.01	22.40 2.43 0.00	23.60 2.39 0.00	22.84 2.01 0.00	24.58 2.58 0.00	20.95 2.04 0.00	20.95 1.78 0.00	20.56 1.58 0.00	23.90 2.02 0.00	23.03 2.10 0.00	23.26 2.06 0.00	22.82 2.09 0.00	22.80 2.10 0.00	19.72 1.71 0.00	22.16 1.89 0.00
RENSSELAER___COGEN 23796	14.78 0.32 0.00	15.99 0.27 0.00	16.31 0.23 0.00	15.93 0.26 0.00	16.73 0.23 0.00	18.03 0.21 0.00	16.45 0.24 0.00	18.47 0.27 -0.13	19.44 0.20 0.00	18.05 0.10 -0.02	20.12 0.15 0.00	21.48 0.27 0.00	21.07 0.24 0.00	22.29 0.30 0.00	19.14 0.24 0.00	19.46 0.29 0.00	19.39 0.41 0.00	22.35 0.47 0.00	21.35 0.41 0.00	21.59 0.39 0.00	21.03 0.30 0.00	21.02 0.31 0.00	18.30 0.29 0.00	20.47 0.20 0.00
REPUBLIC_115KV_BARTNBRK 55605	16.30 1.84 0.00	17.74 2.01 0.00	18.05 1.98 0.00	17.61 1.94 0.00	18.62 2.13 0.00	20.22 2.40 0.00	18.58 2.37 0.00	20.63 2.44 -0.13	21.63 2.39 0.00	20.18 2.23 -0.02	22.45 2.48 0.00	24.13 2.92 0.00	23.45 2.62 0.00	24.98 2.98 0.00	21.29 2.39 0.00	21.35 2.18 0.00	21.29 2.30 0.00	25.07 3.19 0.00	23.92 2.98 0.00	24.14 2.94 0.00	23.53 2.79 0.00	23.69 2.98 0.00	20.64 2.63 0.00	23.03 2.76 0.00
REVERE_CPPR_DRP 24186	14.78 0.33 0.00	16.17 0.44 0.00	16.51 0.44 0.00	16.10 0.43 0.00	16.94 0.45 0.00	18.38 0.56 0.00	16.68 0.47 0.00	18.60 0.53 0.00	19.79 0.55 0.00	18.51 0.57 0.00	20.71 0.74 0.00	22.00 0.80 0.00	21.52 0.69 0.00	22.73 0.73 0.00	19.48 0.57 0.00	19.55 0.38 0.00	19.24 0.26 0.00	22.25 0.37 0.00	21.45 0.51 0.00	21.90 0.69 0.00	21.42 0.68 0.00	21.38 0.67 0.00	18.55 0.53 0.00	20.82 0.54 0.00

REYNOLDS_115KV_TB3 80639	14.90 0.44 0.00	16.14 0.41 0.00	16.45 0.38 0.00	16.08 0.40 0.00	16.87 0.38 0.00	18.18 0.36 0.00	16.59 0.38 0.00	18.62 0.42 -0.13	19.59 0.35 0.00	18.20 0.24 -0.02	20.29 0.32 0.00	21.65 0.44 0.00	21.22 0.39 0.00	22.45 0.45 0.00	19.27 0.37 0.00	19.58 0.41 0.00	19.50 0.51 0.00	22.50 0.63 0.00	21.50 0.56 0.00	21.75 0.55 0.00	21.18 0.44 0.00	21.17 0.47 0.00	18.46 0.44 0.00	20.62 0.35 0.00
RIVERBAY____ 323610	15.24 0.78 0.00	16.56 0.83 0.00	16.87 0.80 0.00	16.45 0.77 0.00	17.23 0.74 0.00	18.61 0.79 0.00	16.94 0.72 0.00	19.64 0.91 -0.66	20.22 0.98 0.00	18.97 0.95 -0.08	21.00 1.03 0.00	22.38 1.18 0.00	22.13 1.29 0.00	23.47 1.47 0.00	20.14 1.24 0.00	20.41 1.24 0.00	20.26 1.27 0.00	23.33 1.46 0.00	22.25 1.31 0.00	22.40 1.20 0.00	21.75 1.01 0.00	21.72 1.01 0.00	18.88 0.86 0.00	21.04 0.76 0.00
RIVERSDE_115KV_TB3 55908	14.85 0.39 0.00	16.07 0.35 0.00	16.38 0.31 0.00	16.01 0.34 0.00	16.81 0.31 0.00	18.11 0.29 0.00	16.53 0.32 0.00	18.55 0.35 -0.13	19.54 0.29 0.00	18.15 0.20 -0.02	20.24 0.26 0.00	21.58 0.38 0.00	21.17 0.33 0.00	22.40 0.40 0.00	19.23 0.33 0.00	19.54 0.37 0.00	19.46 0.47 0.00	22.45 0.57 0.00	21.44 0.50 0.00	21.69 0.49 0.00	21.12 0.38 0.00	21.11 0.40 0.00	18.39 0.38 0.00	20.56 0.28 0.00
ROARING____BROOK_WT_PWR 323790	14.15 -0.31 0.00	15.53 -0.20 0.00	16.00 -0.07 0.00	15.51 -0.16 0.00	16.33 -0.16 0.00	17.72 -0.10 0.00	16.14 -0.07 0.00	18.01 -0.06 0.00	19.19 -0.06 0.00	17.86 -0.07 0.00	19.93 -0.04 0.00	21.11 -0.10 0.00	20.77 -0.06 0.00	21.77 -0.23 0.00	18.63 -0.28 0.00	18.93 -0.24 0.00	18.55 -0.44 0.00	21.20 -0.67 0.00	20.37 -0.57 0.00	20.99 -0.21 0.00	20.64 -0.09 0.00	20.55 -0.15 0.00	17.82 -0.19 0.00	20.01 -0.26 0.00
ROCHESRG_115KV_T4 355643	14.25 -0.21 0.00	15.52 -0.21 0.00	15.90 -0.17 0.00	15.46 -0.22 0.00	16.31 -0.18 0.00	17.74 -0.08 0.00	16.07 -0.14 0.00	17.89 -0.17 0.00	19.09 -0.15 0.00	17.89 -0.05 0.00	19.90 -0.08 0.00	20.95 -0.26 0.00	20.47 -0.36 0.00	21.45 -0.55 0.00	18.45 -0.46 0.00	18.70 -0.47 0.00	18.50 -0.48 0.00	21.27 -0.61 0.00	20.43 -0.51 0.00	20.71 -0.49 0.00	20.23 -0.50 0.00	20.15 -0.55 0.00	17.65 -0.37 0.00	20.04 -0.24 0.00
ROCHESTER_9_IC 23652	14.32 -0.13 0.00	15.60 -0.13 0.00	15.97 -0.10 0.00	15.53 -0.14 0.00	16.39 -0.10 0.00	17.82 0.00 0.00	16.16 -0.05 0.00	18.02 -0.05 0.00	19.24 0.00 0.00	18.02 0.09 0.00	20.04 0.07 0.00	21.11 -0.10 0.00	20.62 -0.21 0.00	21.60 -0.40 0.00	18.57 -0.33 0.00	18.81 -0.36 0.00	18.61 -0.37 0.00	21.40 -0.48 0.00	20.57 -0.37 0.00	20.84 -0.36 0.00	20.36 -0.37 0.00	20.28 -0.42 0.00	17.75 -0.26 0.00	20.14 -0.13 0.00
ROCKVIEW_13_KV_LD 356306	15.22 0.76 0.00	16.48 0.75 0.00	16.78 0.71 0.00	16.40 0.73 0.00	17.21 0.71 0.00	18.54 0.73 0.00	16.94 0.72 0.00	19.65 0.92 -0.66	20.23 0.99 0.00	18.94 0.93 -0.08	20.99 1.02 0.00	22.38 1.17 0.00	22.12 1.28 0.00	23.46 1.47 0.00	20.13 1.22 0.00	20.46 1.29 0.00	20.31 1.33 0.00	23.40 1.52 0.00	22.32 1.38 0.00	22.45 1.25 0.00	21.85 1.11 0.00	21.79 1.09 0.00	18.94 0.92 0.00	21.13 0.86 0.00
ROME____115KV_TB2 80656	14.78 0.33 0.00	16.17 0.44 0.00	16.51 0.44 0.00	16.10 0.43 0.00	16.94 0.45 0.00	18.38 0.56 0.00	16.68 0.47 0.00	18.60 0.53 0.00	19.79 0.55 0.00	18.51 0.57 0.00	20.71 0.74 0.00	22.00 0.80 0.00	21.52 0.69 0.00	22.73 0.73 0.00	19.48 0.57 0.00	19.55 0.38 0.00	19.24 0.26 0.00	22.25 0.37 0.00	21.45 0.51 0.00	21.90 0.69 0.00	21.42 0.68 0.00	21.38 0.67 0.00	18.55 0.53 0.00	20.82 0.54 0.00
ROSETON____1 23587	15.05 0.59 0.00	16.31 0.58 0.00	16.62 0.55 0.00	16.25 0.57 0.00	17.06 0.56 0.00	18.38 0.56 0.00	16.77 0.56 0.00	18.78 0.71 0.00	19.99 0.75 0.00	18.62 0.68 0.00	20.72 0.74 0.00	22.09 0.88 0.00	21.79 0.96 0.00	23.09 1.10 0.00	19.81 0.91 0.00	20.13 0.96 0.00	19.99 1.00 0.00	23.05 1.17 0.00	22.00 1.06 0.00	22.15 0.95 0.00	21.57 0.83 0.00	21.53 0.82 0.00	18.72 0.71 0.00	20.93 0.65 0.00
ROSETON____2 23588	15.05 0.59 0.00	16.31 0.58 0.00	16.62 0.55 0.00	16.25 0.57 0.00	17.06 0.56 0.00	18.38 0.56 0.00	16.77 0.56 0.00	18.78 0.71 0.00	19.99 0.75 0.00	18.62 0.68 0.00	20.72 0.74 0.00	22.09 0.88 0.00	21.79 0.96 0.00	23.09 1.10 0.00	19.81 0.91 0.00	20.13 0.96 0.00	19.99 1.00 0.00	23.05 1.17 0.00	22.00 1.06 0.00	22.15 0.95 0.00	21.57 0.83 0.00	21.53 0.82 0.00	18.72 0.71 0.00	20.93 0.65 0.00
ROTTSDAM_115KV_TB3 80664	15.02 0.56 0.00	16.33 0.60 0.00	16.64 0.57 0.00	16.26 0.58 0.00	17.07 0.58 0.00	18.43 0.61 0.00	16.80 0.59 0.00	18.86 0.67 -0.12	19.90 0.66 0.00	18.53 0.58 -0.02	20.66 0.68 0.00	21.99 0.78 0.00	21.54 0.71 0.00	22.81 0.82 0.00	19.60 0.69 0.00	19.86 0.69 0.00	19.73 0.75 0.00	22.82 0.94 0.00	21.83 0.90 0.00	22.06 0.86 0.00	21.52 0.78 0.00	21.50 0.79 0.00	18.70 0.68 0.00	20.95 0.68 0.00
RUSSELL____1 23602	14.39 -0.07 0.00	15.65 -0.07 0.00	16.03 -0.04 0.00	15.59 -0.09 0.00	16.46 -0.04 0.00	17.88 0.06 0.00	16.23 0.02 0.00	18.09 0.02 0.00	19.32 0.08 0.00	18.11 0.17 0.00	20.12 0.15 0.00	21.20 -0.01 0.00	20.70 -0.13 0.00	21.69 -0.31 0.00	18.66 -0.25 0.00	18.90 -0.26 0.00	18.71 -0.27 0.00	21.52 -0.36 0.00	20.68 -0.25 0.00	20.97 -0.24 0.00	20.48 -0.25 0.00	20.40 -0.31 0.00	17.85 -0.17 0.00	20.24 -0.04 0.00
RUSSELL____2 23532	14.39 -0.07 0.00	15.65 -0.07 0.00	16.03 -0.04 0.00	15.59 -0.09 0.00	16.46 -0.04 0.00	17.88 0.06 0.00	16.23 0.02 0.00	18.09 0.02 0.00	19.32 0.08 0.00	18.11 0.17 0.00	20.12 0.15 0.00	21.20 -0.01 0.00	20.70 -0.13 0.00	21.69 -0.31 0.00	18.66 -0.25 0.00	18.90 -0.26 0.00	18.71 -0.27 0.00	21.52 -0.36 0.00	20.68 -0.25 0.00	20.97 -0.24 0.00	20.48 -0.25 0.00	20.40 -0.31 0.00	17.85 -0.17 0.00	20.24 -0.04 0.00
RUSSELL____3 23549	14.39 -0.07 0.00	15.65 -0.07 0.00	16.03 -0.04 0.00	15.59 -0.09 0.00	16.46 -0.04 0.00	17.88 0.06 0.00	16.23 0.02 0.00	18.09 0.02 0.00	19.32 0.08 0.00	18.11 0.17 0.00	20.12 0.15 0.00	21.20 -0.01 0.00	20.70 -0.13 0.00	21.69 -0.31 0.00	18.66 -0.25 0.00	18.90 -0.26 0.00	18.71 -0.27 0.00	21.52 -0.36 0.00	20.68 -0.25 0.00	20.97 -0.24 0.00	20.48 -0.25 0.00	20.40 -0.31 0.00	17.85 -0.17 0.00	20.24 -0.04 0.00
RUSSELL____4 23556	14.39 -0.07 0.00	15.65 -0.07 0.00	16.03 -0.04 0.00	15.59 -0.09 0.00	16.46 -0.04 0.00	17.88 0.06 0.00	16.23 0.02 0.00	18.09 0.02 0.00	19.32 0.08 0.00	18.11 0.17 0.00	20.12 0.15 0.00	21.20 -0.01 0.00	20.70 -0.13 0.00	21.69 -0.31 0.00	18.66 -0.25 0.00	18.90 -0.26 0.00	18.71 -0.27 0.00	21.52 -0.36 0.00	20.68 -0.25 0.00	20.97 -0.24 0.00	20.48 -0.25 0.00	20.40 -0.31 0.00	17.85 -0.17 0.00	20.24 -0.04 0.00

RUSSELL___STATION 23914	14.39 -0.07 0.00	15.65 -0.07 0.00	16.03 -0.04 0.00	15.59 -0.09 0.00	16.46 -0.04 0.00	17.88 0.06 0.00	16.23 0.02 0.00	18.09 0.02 0.00	19.32 0.08 0.00	18.11 0.17 0.00	20.12 0.15 0.00	21.20 -0.01 0.00	20.70 -0.13 0.00	21.69 -0.31 0.00	18.66 -0.25 0.00	18.90 -0.26 0.00	18.71 -0.27 0.00	21.52 -0.36 0.00	20.68 -0.25 0.00	20.97 -0.24 0.00	20.48 -0.25 0.00	20.40 -0.31 0.00	17.85 -0.17 0.00	20.24 -0.04 0.00
S SALMON___HYD 24043	14.30 -0.16 0.00	15.66 -0.06 0.00	16.01 -0.06 0.00	15.58 -0.09 0.00	16.44 -0.05 0.00	17.79 -0.03 0.00	16.19 -0.02 0.00	18.02 -0.05 0.00	19.20 -0.04 0.00	17.91 -0.02 0.00	19.96 -0.02 0.00	21.16 -0.05 0.00	20.65 -0.18 0.00	21.62 -0.38 0.00	18.54 -0.36 0.00	18.81 -0.36 0.00	18.48 -0.51 0.00	21.32 -0.56 0.00	20.59 -0.35 0.00	21.13 -0.07 0.00	20.71 -0.03 0.00	20.71 0.01 0.00	17.98 -0.03 0.00	20.25 -0.03 0.00
S.PERRY___115KV_TB1 80734	14.56 0.11 0.00	15.86 0.13 0.00	16.27 0.20 0.00	15.81 0.13 0.00	16.70 0.20 0.00	18.18 0.36 0.00	16.53 0.31 0.00	18.41 0.35 0.00	19.57 0.33 0.00	18.25 0.31 0.00	20.22 0.24 0.00	21.08 -0.13 0.00	20.39 -0.44 0.00	21.31 -0.69 0.00	18.58 -0.59 -0.27	21.83 -0.63 -3.29	23.49 -0.43 -4.94	21.56 -0.32 0.00	20.84 -0.09 0.00	21.33 0.13 0.00	20.99 0.25 0.00	20.97 0.27 0.00	18.27 0.25 0.00	20.74 0.47 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	14.08 -0.37 0.00	15.38 -0.35 0.00	15.78 -0.29 0.00	15.33 -0.34 0.00	16.20 -0.30 0.00	17.66 -0.16 0.00	15.95 -0.27 0.00	17.75 -0.32 0.00	18.93 -0.31 0.00	17.81 -0.12 0.00	19.78 -0.19 0.00	20.70 -0.51 0.00	20.18 -0.66 0.00	21.06 -0.94 0.00	18.08 -0.77 0.05	17.74 -0.77 0.66	17.19 -0.80 0.99	20.83 -1.05 0.00	20.02 -0.92 0.00	20.28 -0.93 0.00	19.80 -0.93 0.00	19.72 -0.98 0.00	17.40 -0.62 0.00	19.85 -0.42 0.00
SAWYER___23_KV_LOAD 55526	14.08 -0.37 0.00	15.38 -0.35 0.00	15.78 -0.29 0.00	15.33 -0.34 0.00	16.20 -0.30 0.00	17.66 -0.16 0.00	15.95 -0.27 0.00	17.75 -0.32 0.00	18.93 -0.31 0.00	17.81 -0.12 0.00	19.78 -0.19 0.00	20.70 -0.51 0.00	20.18 -0.66 0.00	21.06 -0.94 0.00	18.08 -0.77 0.05	17.74 -0.77 0.66	17.19 -0.80 0.99	20.83 -1.05 0.00	20.02 -0.92 0.00	20.28 -0.93 0.00	19.80 -0.93 0.00	19.72 -0.98 0.00	17.40 -0.62 0.00	19.85 -0.42 0.00
SELKIRK___I 23801	14.91 0.46 0.00	16.18 0.45 0.00	16.50 0.43 0.00	16.12 0.44 0.00	16.92 0.43 0.00	18.25 0.43 0.00	16.65 0.43 0.00	18.67 0.48 -0.12	19.66 0.41 0.00	18.26 0.31 -0.02	20.35 0.37 0.00	21.69 0.48 0.00	21.28 0.44 0.00	22.51 0.51 0.00	19.33 0.43 0.00	19.65 0.48 0.00	19.56 0.57 0.00	22.56 0.68 0.00	21.54 0.61 0.00	21.81 0.61 0.00	21.26 0.52 0.00	21.24 0.54 0.00	18.50 0.49 0.00	20.73 0.46 0.00
SELKIRK___II 23799	14.82 0.36 0.00	16.07 0.34 0.00	16.38 0.31 0.00	16.01 0.33 0.00	16.81 0.31 0.00	18.11 0.29 0.00	16.52 0.31 0.00	18.55 0.35 -0.13	19.55 0.30 0.00	18.16 0.21 -0.02	20.24 0.26 0.00	21.58 0.37 0.00	21.19 0.35 0.00	22.42 0.42 0.00	19.25 0.35 0.00	19.56 0.40 0.00	19.47 0.48 0.00	22.45 0.58 0.00	21.45 0.51 0.00	21.68 0.48 0.00	21.13 0.40 0.00	21.12 0.41 0.00	18.39 0.37 0.00	20.59 0.31 0.00
SENECA OSWGO___HYD 24041	14.25 -0.20 0.00	15.52 -0.21 0.00	15.86 -0.22 0.00	15.46 -0.22 0.00	16.28 -0.21 0.00	17.60 -0.22 0.00	15.98 -0.23 0.00	17.76 -0.30 0.00	18.93 -0.31 0.00	17.67 -0.26 0.00	19.69 -0.28 0.00	20.88 -0.33 0.00	20.49 -0.34 0.00	21.59 -0.41 0.00	18.55 -0.36 0.00	18.80 -0.37 0.00	18.61 -0.38 0.00	21.47 -0.41 0.00	20.59 -0.35 0.00	20.88 -0.32 0.00	20.41 -0.32 0.00	20.37 -0.33 0.00	17.73 -0.28 0.00	20.05 -0.23 0.00
SENECA___115KV_TB3 355854	14.18 -0.27 0.00	15.49 -0.24 0.00	15.90 -0.17 0.00	15.45 -0.23 0.00	16.32 -0.17 0.00	17.79 -0.03 0.00	16.08 -0.13 0.00	17.94 -0.13 0.00	19.17 -0.08 0.00	18.03 0.10 0.00	20.02 0.05 0.00	20.95 -0.26 0.00	20.41 -0.42 0.00	21.32 -0.68 0.00	18.31 -0.55 0.05	18.06 -0.55 0.56	17.57 -0.57 0.84	21.11 -0.76 0.00	20.29 -0.65 0.00	20.56 -0.64 0.00	20.07 -0.67 0.00	20.00 -0.71 0.00	17.60 -0.42 0.00	20.07 -0.21 0.00
SENECA___ENERGY 23797	14.32 -0.14 0.00	15.57 -0.16 0.00	15.93 -0.14 0.00	15.52 -0.15 0.00	16.36 -0.13 0.00	17.71 -0.11 0.00	16.13 -0.08 0.00	17.98 -0.09 0.00	19.20 -0.05 0.00	17.92 -0.02 0.00	19.94 -0.04 0.00	21.07 -0.13 0.00	20.62 -0.21 0.00	21.70 -0.30 0.00	18.65 -0.27 -0.02	19.14 -0.26 -0.23	19.04 -0.30 -0.35	21.55 -0.33 0.00	20.71 -0.23 0.00	21.03 -0.17 0.00	20.54 -0.20 0.00	20.49 -0.21 0.00	17.83 -0.19 0.00	20.16 -0.11 0.00
SHOEMAKER___GT 23640	14.99 0.53 0.00	16.24 0.51 0.00	16.56 0.49 0.00	16.17 0.50 0.00	17.00 0.51 0.00	18.32 0.50 0.00	16.72 0.51 0.00	18.12 0.64 0.59	19.93 0.69 0.00	18.46 0.60 0.07	20.60 0.63 0.00	21.93 0.72 0.00	21.63 0.79 0.00	22.92 0.92 0.00	19.67 0.77 0.00	20.02 0.85 0.00	19.90 0.91 0.00	22.95 1.07 0.00	21.91 0.97 0.00	22.07 0.87 0.00	21.51 0.77 0.00	21.48 0.77 0.00	18.68 0.66 0.00	20.90 0.63 0.00
SHOEMAKR_138KV_BK 111 55601	14.99 0.53 0.00	16.24 0.51 0.00	16.55 0.48 0.00	16.17 0.50 0.00	16.99 0.49 0.00	18.31 0.49 0.00	16.70 0.49 0.00	18.14 0.63 0.56	19.91 0.67 0.00	18.46 0.59 0.07	20.60 0.63 0.00	21.94 0.73 0.00	21.64 0.80 0.00	22.93 0.94 0.00	19.69 0.78 0.00	20.02 0.85 0.00	19.89 0.91 0.00	22.94 1.06 0.00	21.89 0.95 0.00	22.05 0.85 0.00	21.49 0.75 0.00	21.45 0.75 0.00	18.66 0.64 0.00	20.88 0.60 0.00
SHOREHAM_IC_1 23715	34.57 0.87 -19.24	20.43 0.91 -3.79	19.50 0.95 -2.48	16.99 0.97 -0.35	19.28 0.99 -1.80	21.03 0.95 -2.26	26.82 0.83 -9.78	33.20 1.02 -14.11	32.69 1.09 -12.35	64.93 1.01 -45.99	38.73 1.01 -17.74	29.38 1.22 -6.95	25.07 1.22 -3.02	26.45 1.36 -3.09	29.35 1.09 -9.35	317.42 1.03 -297.22	25.35 1.21 -5.16	23.30 1.42 0.00	42.46 1.34 -20.18	30.44 1.38 -7.85	29.68 1.23 -7.72	32.96 1.16 -11.09	21.95 1.04 -2.89	21.85 0.91 -0.66
SHOREHAM_IC_2 23716	34.57 0.87 -19.24	20.43 0.91 -3.79	19.50 0.95 -2.48	16.99 0.97 -0.35	19.28 0.99 -1.80	21.03 0.95 -2.26	26.82 0.83 -9.78	33.20 1.02 -14.11	32.69 1.09 -12.35	64.93 1.01 -45.99	38.73 1.01 -17.74	29.38 1.22 -6.95	25.07 1.22 -3.02	26.45 1.36 -3.09	29.35 1.09 -9.35	317.42 1.03 -297.22	25.35 1.21 -5.16	23.30 1.42 0.00	42.46 1.34 -20.18	30.44 1.38 -7.85	29.68 1.23 -7.72	32.96 1.16 -11.09	21.95 1.04 -2.89	21.85 0.91 -0.66
SISSONVILLE___ 23735	14.53 0.08 0.00	15.89 0.16 0.00	16.30 0.23 0.00	15.88 0.20 0.00	16.75 0.25 0.00	18.18 0.36 0.00	16.58 0.37 0.00	18.50 0.43 0.00	19.75 0.51 0.00	18.42 0.49 0.00	20.50 0.53 0.00	21.69 0.48 0.00	21.26 0.43 0.00	22.36 0.36 0.00	19.18 0.28 0.00	19.23 0.06 0.00	18.75 -0.23 0.00	21.54 -0.34 0.00	20.64 -0.30 0.00	21.14 -0.06 0.00	21.16 0.42 0.00	21.20 0.50 0.00	18.38 0.36 0.00	20.63 0.36 0.00

SITHE_IND_GS1 24169	14.10 -0.35 0.00	15.36 -0.37 0.00	15.69 -0.38 0.00	15.30 -0.37 0.00	16.10 -0.39 0.00	17.41 -0.41 0.00	15.79 -0.42 0.00	17.54 -0.53 0.00	18.69 -0.55 0.00	17.45 -0.49 0.00	19.43 -0.54 0.00	20.60 -0.60 0.00	20.22 -0.62 0.00	21.32 -0.68 0.00	18.33 -0.58 0.00	18.57 -0.60 0.00	18.38 -0.60 0.00	21.21 -0.67 0.00	20.32 -0.61 0.00	20.59 -0.61 0.00	20.14 -0.60 0.00	20.10 -0.61 0.00	17.50 -0.51 0.00	19.80 -0.47 0.00
SITHE_IND_GS2 24170	14.10 -0.35 0.00	15.36 -0.37 0.00	15.69 -0.38 0.00	15.30 -0.37 0.00	16.10 -0.39 0.00	17.41 -0.41 0.00	15.79 -0.42 0.00	17.54 -0.53 0.00	18.69 -0.55 0.00	17.45 -0.49 0.00	19.43 -0.54 0.00	20.60 -0.60 0.00	20.22 -0.62 0.00	21.32 -0.68 0.00	18.33 -0.58 0.00	18.57 -0.60 0.00	18.38 -0.60 0.00	21.21 -0.67 0.00	20.32 -0.61 0.00	20.59 -0.61 0.00	20.14 -0.60 0.00	20.10 -0.61 0.00	17.50 -0.51 0.00	19.80 -0.47 0.00
SITHE_IND_GS3 24171	14.10 -0.35 0.00	15.36 -0.37 0.00	15.69 -0.38 0.00	15.30 -0.37 0.00	16.10 -0.39 0.00	17.41 -0.41 0.00	15.79 -0.42 0.00	17.54 -0.53 0.00	18.69 -0.55 0.00	17.45 -0.49 0.00	19.43 -0.54 0.00	20.60 -0.60 0.00	20.22 -0.62 0.00	21.32 -0.68 0.00	18.33 -0.58 0.00	18.57 -0.60 0.00	18.38 -0.60 0.00	21.21 -0.67 0.00	20.32 -0.61 0.00	20.59 -0.61 0.00	20.14 -0.60 0.00	20.10 -0.61 0.00	17.50 -0.51 0.00	19.80 -0.47 0.00
SITHE_IND_GS4 24172	14.10 -0.35 0.00	15.36 -0.37 0.00	15.69 -0.38 0.00	15.30 -0.37 0.00	16.10 -0.39 0.00	17.41 -0.41 0.00	15.79 -0.42 0.00	17.54 -0.53 0.00	18.69 -0.55 0.00	17.45 -0.49 0.00	19.43 -0.54 0.00	20.60 -0.60 0.00	20.22 -0.62 0.00	21.32 -0.68 0.00	18.33 -0.58 0.00	18.57 -0.60 0.00	18.38 -0.60 0.00	21.21 -0.67 0.00	20.32 -0.61 0.00	20.59 -0.61 0.00	20.14 -0.60 0.00	20.10 -0.61 0.00	17.50 -0.51 0.00	19.80 -0.47 0.00
SITHE___BATAVIA 24024	14.69 0.23 0.00	15.97 0.24 0.00	16.36 0.29 0.00	15.92 0.25 0.00	16.77 0.28 0.00	18.30 0.47 0.00	16.60 0.38 0.00	18.47 0.40 0.00	19.70 0.46 0.00	18.46 0.53 0.00	20.54 0.57 0.00	21.58 0.37 0.00	21.07 0.24 0.00	22.04 0.04 0.00	18.91 0.01 0.00	19.14 -0.03 0.00	18.91 -0.08 0.00	21.80 -0.08 0.00	21.02 0.08 0.00	21.38 0.18 0.00	20.88 0.14 0.00	20.79 0.08 0.00	18.17 0.15 0.00	20.60 0.33 0.00
SITHE___INDEPEND 23800	14.10 -0.36 0.00	15.35 -0.37 0.00	15.68 -0.38 0.00	15.30 -0.37 0.00	16.11 -0.39 0.00	17.41 -0.41 0.00	15.79 -0.42 0.00	17.54 -0.53 0.00	18.69 -0.55 0.00	17.45 -0.49 0.00	19.43 -0.54 0.00	20.60 -0.60 0.00	20.21 -0.62 0.00	21.32 -0.68 0.00	18.33 -0.58 0.00	18.57 -0.59 0.00	18.39 -0.59 0.00	21.21 -0.67 0.00	20.32 -0.61 0.00	20.59 -0.61 0.00	20.14 -0.60 0.00	20.10 -0.61 0.00	17.50 -0.51 0.00	19.80 -0.47 0.00
SITHE___MASSENA 23902	14.49 0.03 0.00	15.80 0.07 0.00	16.19 0.12 0.00	15.78 0.10 0.00	16.62 0.13 0.00	18.02 0.20 0.00	16.41 0.19 0.00	18.29 0.22 0.00	19.51 0.27 0.00	18.20 0.27 0.00	20.27 0.29 0.00	21.46 0.25 0.00	21.07 0.24 0.00	22.22 0.22 0.00	19.09 0.18 0.00	19.28 0.12 0.00	19.00 0.02 0.00	21.84 -0.04 0.00	20.91 -0.03 0.00	21.25 0.05 0.00	20.99 0.25 0.00	20.95 0.25 0.00	18.20 0.18 0.00	20.47 0.20 0.00
SITHE___OGDNSBRG 24021	14.68 0.22 0.00	16.03 0.30 0.00	16.44 0.36 0.00	16.01 0.34 0.00	16.88 0.39 0.00	18.33 0.51 0.00	16.74 0.53 0.00	18.67 0.60 0.00	19.93 0.69 0.00	18.59 0.66 0.00	20.68 0.70 0.00	21.84 0.64 0.00	21.41 0.58 0.00	22.57 0.57 0.00	19.40 0.49 0.00	19.54 0.37 0.00	19.18 0.19 0.00	22.10 0.22 0.00	21.14 0.20 0.00	21.55 0.35 0.00	21.43 0.69 0.00	21.41 0.70 0.00	18.55 0.54 0.00	20.82 0.55 0.00
SITHE___STERLING 23777	14.72 0.26 0.00	16.04 0.31 0.00	16.37 0.30 0.00	15.98 0.30 0.00	16.82 0.33 0.00	18.22 0.40 0.00	16.54 0.33 0.00	18.44 0.37 0.00	19.63 0.38 0.00	18.33 0.39 0.00	20.49 0.52 0.00	21.78 0.57 0.00	21.33 0.49 0.00	22.54 0.54 0.00	19.34 0.44 0.00	19.45 0.28 0.00	19.20 0.21 0.00	22.18 0.30 0.00	21.32 0.39 0.00	21.70 0.50 0.00	21.22 0.48 0.00	21.18 0.48 0.00	18.39 0.37 0.00	20.68 0.40 0.00
SLEIGHT__34_KV_TB1 80719	14.52 0.07 0.00	15.81 0.08 0.00	16.15 0.08 0.00	15.74 0.06 0.00	16.60 0.10 0.00	18.01 0.19 0.00	16.39 0.18 0.00	18.29 0.21 0.00	19.50 0.26 0.00	18.23 0.30 0.00	20.33 0.35 0.00	21.50 0.29 0.00	21.06 0.23 0.00	22.15 0.15 0.00	19.05 0.15 0.00	19.27 0.10 0.00	19.07 0.08 0.00	21.99 0.11 0.00	21.11 0.17 0.00	21.40 0.19 0.00	20.90 0.16 0.00	20.82 0.12 0.00	18.11 0.09 0.00	20.43 0.15 0.00
SOUTH CAIRO___GT 23612	15.24 0.78 0.00	16.49 0.76 0.00	16.83 0.76 0.00	16.42 0.75 0.00	17.26 0.77 0.00	18.63 0.81 0.00	17.09 0.88 0.00	19.14 0.98 -0.09	20.12 0.88 0.00	18.61 0.66 -0.01	20.76 0.78 0.00	22.16 0.96 0.00	21.73 0.90 0.00	22.94 0.94 0.00	19.63 0.72 0.00	20.16 1.00 0.00	20.11 1.12 0.00	23.18 1.30 0.00	22.08 1.14 0.00	22.46 1.26 0.00	21.89 1.16 0.00	21.86 1.15 0.00	19.00 0.98 0.00	21.21 0.93 0.00
SOUTH HAMPTN___IC 23720	34.88 1.18 -19.24	20.75 1.23 -3.79	19.83 1.28 -2.48	17.31 1.29 -0.35	19.64 1.35 -1.80	21.42 1.34 -2.26	27.24 1.25 -9.78	33.68 1.50 -14.11	33.20 1.61 -12.35	65.43 1.50 -45.99	39.25 1.53 -17.74	29.92 1.77 -6.95	25.61 1.76 -3.02	27.01 1.92 -3.09	29.84 1.58 -9.35	317.98 1.59 -297.22	25.89 1.75 -5.16	23.90 2.02 0.00	43.05 1.93 -20.18	31.05 1.99 -7.85	30.26 1.81 -7.72	33.50 1.71 -11.09	22.40 1.50 -2.89	22.35 1.41 -0.66
SOUTHDOW__115KV_TB1 355954	14.49 0.03 0.00	15.88 0.14 0.00	16.38 0.31 0.00	15.97 0.30 0.00	16.87 0.37 0.00	18.32 0.50 0.00	16.61 0.39 0.00	18.86 0.79 0.00	20.39 1.15 0.00	19.23 1.29 0.00	21.41 1.43 0.00	22.44 1.23 0.00	21.82 0.99 0.00	22.73 0.74 0.00	19.56 0.65 0.00	19.85 0.68 0.00	19.62 0.64 0.00	22.31 0.43 0.00	21.44 0.51 0.00	21.71 0.51 0.00	21.12 0.38 0.00	21.12 0.42 0.00	18.32 0.31 0.00	20.78 0.51 0.00
SOUTHOLD_69_KV_BK 2 55809	35.09 1.39 -19.24	20.95 1.44 -3.79	20.04 1.49 -2.48	17.51 1.49 -0.35	19.86 1.57 -1.80	21.65 1.56 -2.26	27.48 1.48 -9.78	33.96 1.78 -14.11	33.51 1.91 -12.35	65.71 1.79 -45.99	39.55 1.83 -17.74	30.23 2.08 -6.95	25.90 2.06 -3.02	27.31 2.23 -3.09	30.10 1.84 -9.35	317.97 1.58 -297.22	26.00 1.85 -5.16	24.25 2.38 0.00	43.41 2.29 -20.18	31.41 2.36 -7.85	30.61 2.16 -7.72	33.84 2.04 -11.09	22.68 1.77 -2.89	22.65 1.71 -0.66
SOUTHOLD___IC 23719	35.05 1.36 -19.24	20.94 1.43 -3.79	20.03 1.47 -2.48	17.50 1.48 -0.35	19.86 1.57 -1.80	21.65 1.56 -2.26	27.48 1.48 -9.78	33.96 1.78 -14.11	33.51 1.91 -12.35	65.71 1.79 -45.99	39.54 1.83 -17.74	30.23 2.08 -6.95	25.91 2.06 -3.02	27.31 2.22 -3.09	30.10 1.84 -9.35	317.97 1.58 -297.22	26.00 1.86 -5.16	24.25 2.38 0.00	43.41 2.29 -20.18	31.41 2.36 -7.85	30.61 2.16 -7.72	33.84 2.04 -11.09	22.68 1.78 -2.89	22.64 1.71 -0.66

SPIERFLS_115KV_TB 1 80737	15.53 1.08 0.00	16.86 1.13 0.00	17.19 1.12 0.00	16.77 1.10 0.00	17.66 1.17 0.00	19.09 1.27 0.00	17.49 1.28 0.00	19.59 1.39 -0.12	20.62 1.37 0.00	19.17 1.22 -0.02	21.34 1.37 0.00	22.71 1.51 0.00	22.12 1.29 0.00	23.50 1.50 0.00	20.08 1.17 0.00	20.35 1.18 0.00	20.32 1.34 0.00	23.74 1.86 0.00	22.72 1.78 0.00	22.90 1.69 0.00	22.38 1.64 0.00	22.39 1.68 0.00	19.45 1.43 0.00	21.75 1.48 0.00
ST LAWRENCE____ 23600	14.32 -0.13 0.00	15.61 -0.12 0.00	15.99 -0.08 0.00	15.57 -0.10 0.00	16.41 -0.08 0.00	17.77 -0.05 0.00	16.19 -0.02 0.00	18.05 -0.02 0.00	19.25 0.00 0.00	17.94 0.01 0.00	19.98 0.00 0.00	21.17 -0.04 0.00	20.79 -0.04 0.00	21.93 -0.07 0.00	18.84 -0.06 0.00	19.07 -0.09 0.00	18.83 -0.15 0.00	21.64 -0.24 0.00	20.72 -0.22 0.00	21.03 -0.17 0.00	20.72 -0.02 0.00	20.68 -0.03 0.00	17.97 -0.05 0.00	20.21 -0.06 0.00
STATE_CA_115KV_115_LB 55624	14.86 0.40 0.00	16.08 0.35 0.00	16.39 0.32 0.00	16.01 0.34 0.00	16.81 0.32 0.00	18.12 0.30 0.00	16.54 0.33 0.00	18.57 0.37 -0.13	19.69 0.45 0.00	18.37 0.42 -0.02	20.48 0.50 0.00	21.70 0.49 0.00	21.20 0.36 0.00	22.44 0.44 0.00	19.27 0.36 0.00	19.58 0.41 0.00	19.50 0.51 0.00	22.49 0.62 0.00	21.48 0.55 0.00	21.73 0.52 0.00	21.16 0.42 0.00	21.14 0.43 0.00	18.41 0.39 0.00	20.58 0.31 0.00
STATE_ST_34_KV_LOAD 55959	14.57 0.12 0.00	15.80 0.07 0.00	16.17 0.10 0.00	15.72 0.05 0.00	16.64 0.15 0.00	17.93 0.11 0.00	16.42 0.21 0.00	18.30 0.23 0.00	19.49 0.25 0.00	18.14 0.20 0.00	20.11 0.14 0.00	21.31 0.10 0.00	20.91 0.08 0.00	22.02 0.02 0.00	18.94 0.03 0.00	19.31 0.14 0.00	19.12 0.13 0.00	22.04 0.16 0.00	21.15 0.21 0.00	21.46 0.26 0.00	20.96 0.22 0.00	20.92 0.21 0.00	18.19 0.17 0.00	20.53 0.26 0.00
STATION 5_MISC_HYD 23604	14.33 -0.13 0.00	15.60 -0.13 0.00	15.98 -0.09 0.00	15.54 -0.13 0.00	16.39 -0.10 0.00	17.83 0.01 0.00	16.16 -0.05 0.00	18.02 -0.05 0.00	19.24 0.00 0.00	18.03 0.09 0.00	20.04 0.07 0.00	21.11 -0.10 0.00	20.63 -0.21 0.00	21.60 -0.39 0.00	18.57 -0.33 0.00	18.79 -0.37 0.00	18.58 -0.40 0.00	21.40 -0.48 0.00	20.57 -0.37 0.00	20.85 -0.35 0.00	20.36 -0.37 0.00	20.28 -0.42 0.00	17.75 -0.27 0.00	20.14 -0.13 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	14.35 -0.10 0.00	15.63 -0.10 0.00	15.99 -0.08 0.00	15.57 -0.10 0.00	16.42 -0.07 0.00	17.83 0.01 0.00	16.20 -0.02 0.00	18.06 -0.01 0.00	19.28 0.03 0.00	18.06 0.12 0.00	20.10 0.13 0.00	21.20 0.00 0.00	20.73 -0.10 0.00	21.77 -0.23 0.00	18.72 -0.18 0.00	18.96 -0.21 0.00	18.77 -0.22 0.00	21.61 -0.27 0.00	20.77 -0.17 0.00	21.07 -0.13 0.00	20.57 -0.16 0.00	20.50 -0.21 0.00	17.87 -0.14 0.00	20.23 -0.04 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	14.23 -0.23 0.00	15.49 -0.24 0.00	15.86 -0.21 0.00	15.42 -0.25 0.00	16.27 -0.22 0.00	17.69 -0.13 0.00	16.05 -0.16 0.00	17.88 -0.19 0.00	19.09 -0.16 0.00	17.87 -0.06 0.00	19.88 -0.10 0.00	20.95 -0.26 0.00	20.47 -0.36 0.00	21.45 -0.55 0.00	18.45 -0.45 0.00	18.70 -0.47 0.00	18.51 -0.48 0.00	21.29 -0.59 0.00	20.45 -0.49 0.00	20.73 -0.47 0.00	20.25 -0.49 0.00	20.17 -0.54 0.00	17.64 -0.37 0.00	20.00 -0.28 0.00
STA_56____34_KV_BUS2 355983	14.23 -0.23 0.00	15.49 -0.24 0.00	15.86 -0.21 0.00	15.42 -0.25 0.00	16.27 -0.22 0.00	17.69 -0.13 0.00	16.05 -0.16 0.00	17.88 -0.19 0.00	19.09 -0.16 0.00	17.87 -0.06 0.00	19.88 -0.10 0.00	20.95 -0.26 0.00	20.47 -0.36 0.00	21.45 -0.55 0.00	18.45 -0.45 0.00	18.70 -0.47 0.00	18.51 -0.48 0.00	21.29 -0.59 0.00	20.45 -0.49 0.00	20.73 -0.47 0.00	20.25 -0.49 0.00	20.17 -0.54 0.00	17.64 -0.37 0.00	20.00 -0.28 0.00
STA_67____115KV_BK2 355882	14.30 -0.16 0.00	15.57 -0.16 0.00	15.94 -0.13 0.00	15.50 -0.17 0.00	16.36 -0.13 0.00	17.79 -0.03 0.00	16.13 -0.08 0.00	17.98 -0.09 0.00	19.20 -0.04 0.00	17.99 0.06 0.00	20.01 0.03 0.00	21.07 -0.14 0.00	20.58 -0.25 0.00	21.56 -0.44 0.00	18.54 -0.37 0.00	18.77 -0.40 0.00	18.57 -0.41 0.00	21.35 -0.53 0.00	20.51 -0.42 0.00	20.79 -0.41 0.00	20.32 -0.42 0.00	20.23 -0.47 0.00	17.72 -0.30 0.00	20.10 -0.17 0.00
STA_7____115KV_9TRANS 80674	14.39 -0.07 0.00	15.65 -0.07 0.00	16.03 -0.04 0.00	15.59 -0.09 0.00	16.46 -0.04 0.00	17.88 0.06 0.00	16.23 0.02 0.00	18.09 0.02 0.00	19.32 0.08 0.00	18.11 0.17 0.00	20.12 0.15 0.00	21.20 -0.01 0.00	20.70 -0.13 0.00	21.69 -0.31 0.00	18.66 -0.25 0.00	18.90 -0.26 0.00	18.71 -0.27 0.00	21.52 -0.36 0.00	20.68 -0.25 0.00	20.97 -0.24 0.00	20.48 -0.25 0.00	20.40 -0.31 0.00	17.85 -0.17 0.00	20.24 -0.04 0.00
STA_82____115KV_TB1 80780	14.30 -0.15 0.00	15.57 -0.15 0.00	15.95 -0.12 0.00	15.51 -0.16 0.00	16.37 -0.12 0.00	17.80 -0.03 0.00	16.14 -0.07 0.00	17.98 -0.09 0.00	19.19 -0.06 0.00	17.98 0.05 0.00	19.99 0.02 0.00	21.05 -0.16 0.00	20.57 -0.27 0.00	21.54 -0.46 0.00	18.53 -0.38 0.00	18.78 -0.39 0.00	18.58 -0.40 0.00	21.36 -0.52 0.00	20.53 -0.41 0.00	20.81 -0.39 0.00	20.33 -0.40 0.00	20.26 -0.45 0.00	17.73 -0.29 0.00	20.12 -0.16 0.00
STEEL____WIND 323596	14.19 -0.27 0.00	15.48 -0.24 0.00	15.89 -0.18 0.00	15.45 -0.23 0.00	16.31 -0.18 0.00	17.78 -0.05 0.00	16.07 -0.15 0.00	17.93 -0.14 0.00	19.16 -0.08 0.00	18.02 0.09 0.00	20.01 0.04 0.00	20.94 -0.27 0.00	20.41 -0.42 0.00	21.32 -0.68 0.00	18.30 -0.56 0.05	18.03 -0.58 0.56	17.52 -0.62 0.84	21.10 -0.78 0.00	20.27 -0.66 0.00	20.56 -0.64 0.00	20.05 -0.68 0.00	20.00 -0.71 0.00	17.59 -0.43 0.00	20.06 -0.22 0.00
STEPHTWN_115KV_BK_2 55603	14.90 0.44 0.00	16.12 0.39 0.00	16.43 0.36 0.00	16.07 0.39 0.00	16.86 0.37 0.00	18.19 0.37 0.00	16.59 0.38 0.00	18.65 0.45 -0.13	19.65 0.41 0.00	18.07 0.12 -0.02	20.13 0.15 0.00	21.47 0.27 0.00	21.07 0.24 0.00	22.30 0.30 0.00	19.14 0.24 0.00	19.46 0.29 0.00	19.38 0.40 0.00	22.35 0.47 0.00	21.60 0.66 0.00	21.83 0.63 0.00	21.25 0.51 0.00	21.23 0.53 0.00	18.48 0.46 0.00	20.65 0.37 0.00
STEBEN_REC_LFGE 323667	14.13 -0.33 0.00	15.38 -0.35 0.00	15.88 -0.19 0.00	15.41 -0.26 0.00	16.24 -0.25 0.00	17.67 -0.15 0.00	16.10 -0.11 0.00	18.16 0.09 0.00	19.63 0.38 0.00	18.35 0.42 0.00	20.28 0.30 0.00	20.97 -0.23 0.00	19.97 -0.86 0.00	20.77 -1.23 0.00	18.06 -1.02 -0.19	20.52 -0.96 -2.31	21.71 -0.75 -3.47	21.29 -0.58 0.00	20.64 -0.29 0.00	21.14 -0.07 0.00	20.73 0.00 0.00	20.69 -0.01 0.00	17.93 -0.09 0.00	20.36 0.09 0.00
STONY____BROOK 24151	34.75 1.05 -19.24	20.58 1.07 -3.79	19.64 1.09 -2.48	17.10 1.08 -0.35	19.43 1.14 -1.80	21.20 1.12 -2.26	27.09 1.10 -9.78	33.51 1.33 -14.11	33.02 1.42 -12.35	65.20 1.28 -45.99	39.01 1.29 -17.74	29.67 1.51 -6.95	25.39 1.54 -3.02	26.76 1.67 -3.09	29.64 1.39 -9.35	317.93 1.54 -297.22	25.76 1.61 -5.16	23.59 1.72 0.00	42.73 1.61 -20.18	30.80 1.74 -7.85	30.04 1.59 -7.72	33.32 1.53 -11.09	22.27 1.36 -2.89	22.24 1.30 -0.66

STURGEON_POOL_HYD 23609	15.01 0.56 0.00	16.30 0.57 0.00	16.59 0.52 0.00	16.23 0.56 0.00	17.02 0.53 0.00	18.36 0.53 0.00	16.72 0.50 0.00	18.76 0.69 0.00	20.02 0.78 0.00	18.65 0.72 0.00	20.75 0.78 0.00	22.11 0.90 0.00	21.84 1.01 0.00	23.16 1.17 0.00	19.90 1.00 0.00	20.19 1.02 0.00	20.04 1.06 0.00	23.14 1.26 0.00	22.05 1.12 0.00	22.16 0.96 0.00	21.58 0.84 0.00	21.54 0.84 0.00	18.73 0.71 0.00	20.92 0.65 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	15.02 0.56 0.00	16.28 0.55 0.00	16.58 0.51 0.00	16.22 0.55 0.00	17.02 0.52 0.00	18.36 0.53 0.00	16.71 0.50 0.00	18.02 0.64 0.69	19.94 0.70 0.00	18.50 0.65 0.09	20.69 0.72 0.00	22.05 0.85 0.00	21.78 0.95 0.00	23.10 1.10 0.00	19.83 0.92 0.00	20.13 0.96 0.00	19.98 1.00 0.00	23.04 1.17 0.00	21.98 1.04 0.00	22.11 0.91 0.00	21.53 0.80 0.00	21.50 0.79 0.00	18.69 0.67 0.00	20.90 0.63 0.00
SWANROAD_115KV_TB1 355699	13.89 -0.57 0.00	15.16 -0.57 0.00	15.56 -0.51 0.00	15.11 -0.57 0.00	15.97 -0.52 0.00	17.43 -0.39 0.00	15.72 -0.50 0.00	17.45 -0.62 0.00	18.58 -0.66 0.00	17.51 -0.42 0.00	19.43 -0.54 0.00	20.31 -0.89 0.00	19.81 -1.02 0.00	20.67 -1.34 0.00	17.73 -1.11 0.06	17.31 -1.12 0.74	16.71 -1.16 1.11	20.41 -1.47 0.00	19.63 -1.31 0.00	19.88 -1.32 0.00	19.37 -1.37 0.00	19.27 -1.44 0.00	17.02 -1.00 0.00	19.45 -0.82 0.00
SYNERGY___BIOGAS 323694	14.69 0.23 0.00	15.97 0.24 0.00	16.36 0.29 0.00	15.92 0.25 0.00	16.77 0.28 0.00	18.30 0.47 0.00	16.60 0.38 0.00	18.47 0.40 0.00	19.70 0.46 0.00	18.46 0.53 0.00	20.54 0.57 0.00	21.58 0.37 0.00	21.07 0.24 0.00	22.04 0.04 0.00	18.91 0.01 0.00	19.14 -0.03 0.00	18.91 -0.08 0.00	21.80 -0.08 0.00	21.02 0.08 0.00	21.38 0.18 0.00	20.88 0.14 0.00	20.79 0.08 0.00	18.17 0.15 0.00	20.60 0.33 0.00
SYRACUSE___ENERGY_ST1 323597	14.41 -0.04 0.00	15.68 -0.05 0.00	16.02 -0.05 0.00	15.62 -0.05 0.00	16.47 -0.02 0.00	17.78 -0.04 0.00	16.16 -0.05 0.00	17.99 -0.08 0.00	19.18 -0.06 0.00	17.90 -0.03 0.00	19.94 -0.04 0.00	21.14 -0.07 0.00	20.74 -0.09 0.00	21.86 -0.14 0.00	18.81 -0.10 0.00	19.07 -0.10 0.00	18.87 -0.11 0.00	21.76 -0.12 0.00	20.87 -0.07 0.00	21.15 -0.05 0.00	20.66 -0.08 0.00	20.62 -0.09 0.00	17.94 -0.08 0.00	20.26 -0.02 0.00
SYRACUSE___ENERGY_ST2 323598	14.41 -0.04 0.00	15.68 -0.05 0.00	16.02 -0.05 0.00	15.62 -0.05 0.00	16.47 -0.02 0.00	17.78 -0.04 0.00	16.16 -0.05 0.00	17.99 -0.08 0.00	19.18 -0.06 0.00	17.90 -0.03 0.00	19.94 -0.04 0.00	21.14 -0.07 0.00	20.74 -0.09 0.00	21.86 -0.14 0.00	18.81 -0.10 0.00	19.07 -0.10 0.00	18.87 -0.11 0.00	21.76 -0.12 0.00	20.87 -0.07 0.00	21.15 -0.05 0.00	20.66 -0.08 0.00	20.62 -0.09 0.00	17.94 -0.08 0.00	20.26 -0.02 0.00
SYRACUSE___POWER 24017	14.40 -0.06 0.00	15.67 -0.06 0.00	16.01 -0.06 0.00	15.61 -0.06 0.00	16.44 -0.05 0.00	17.78 -0.04 0.00	16.15 -0.06 0.00	17.98 -0.08 0.00	19.18 -0.07 0.00	17.90 -0.04 0.00	19.94 -0.04 0.00	21.15 -0.06 0.00	20.76 -0.08 0.00	21.89 -0.11 0.00	18.82 -0.09 0.00	19.06 -0.10 0.00	18.86 -0.12 0.00	21.74 -0.13 0.00	20.85 -0.08 0.00	21.13 -0.07 0.00	20.64 -0.09 0.00	20.60 -0.10 0.00	17.93 -0.09 0.00	20.24 -0.04 0.00
TALLMAN__138KV_BK151 55660	15.09 0.63 0.00	16.35 0.62 0.00	16.64 0.57 0.00	16.29 0.61 0.00	17.08 0.59 0.00	18.41 0.59 0.00	16.77 0.56 0.00	17.91 0.73 0.89	20.03 0.79 0.00	18.56 0.74 0.11	20.79 0.81 0.00	22.17 0.96 0.00	21.93 1.10 0.00	23.27 1.27 0.00	19.95 1.05 0.00	20.28 1.11 0.00	20.13 1.15 0.00	23.20 1.32 0.00	22.13 1.19 0.00	22.24 1.04 0.00	21.66 0.92 0.00	21.61 0.91 0.00	18.78 0.76 0.00	20.98 0.70 0.00
TEALLAVE_115KV_TB7 355573	14.33 -0.12 0.00	15.60 -0.13 0.00	15.94 -0.12 0.00	15.54 -0.13 0.00	16.38 -0.12 0.00	17.71 -0.11 0.00	16.07 -0.14 0.00	17.89 -0.18 0.00	19.07 -0.17 0.00	17.81 -0.12 0.00	19.85 -0.13 0.00	21.05 -0.16 0.00	20.65 -0.18 0.00	21.77 -0.23 0.00	18.72 -0.18 0.00	18.96 -0.21 0.00	18.76 -0.22 0.00	21.63 -0.25 0.00	20.74 -0.20 0.00	21.02 -0.18 0.00	20.53 -0.21 0.00	20.49 -0.22 0.00	17.84 -0.18 0.00	20.15 -0.13 0.00
TELGRAPH_34_KV_EAST 80808	14.16 -0.29 0.00	15.46 -0.27 0.00	15.86 -0.21 0.00	15.39 -0.28 0.00	16.28 -0.21 0.00	17.76 -0.06 0.00	16.03 -0.18 0.00	17.84 -0.23 0.00	19.01 -0.23 0.00	17.88 -0.06 0.00	19.85 -0.12 0.00	20.78 -0.42 0.00	20.29 -0.54 0.00	21.17 -0.83 0.00	18.17 -0.68 0.06	17.75 -0.69 0.72	17.15 -0.74 1.09	20.93 -0.95 0.00	20.14 -0.79 0.00	20.41 -0.79 0.00	19.92 -0.81 0.00	19.83 -0.88 0.00	17.46 -0.55 0.00	19.90 -0.37 0.00
TEMPLE___115KV_TB 2 55572	14.34 -0.12 0.00	15.61 -0.12 0.00	15.95 -0.12 0.00	15.55 -0.12 0.00	16.38 -0.11 0.00	17.72 -0.11 0.00	16.08 -0.14 0.00	17.90 -0.17 0.00	19.09 -0.16 0.00	17.82 -0.11 0.00	19.86 -0.12 0.00	21.06 -0.14 0.00	20.66 -0.17 0.00	21.79 -0.21 0.00	18.73 -0.17 0.00	18.98 -0.19 0.00	18.78 -0.21 0.00	21.65 -0.23 0.00	20.75 -0.18 0.00	21.03 -0.17 0.00	20.54 -0.20 0.00	20.50 -0.21 0.00	17.84 -0.18 0.00	20.15 -0.12 0.00
TIANA____69_KV_BK 1 55817	34.83 1.13 -19.24	20.68 1.17 -3.79	19.75 1.20 -2.48	17.24 1.22 -0.35	19.56 1.27 -1.80	21.32 1.24 -2.26	27.14 1.15 -9.78	33.57 1.39 -14.11	33.09 1.49 -12.35	65.32 1.39 -45.99	39.14 1.42 -17.74	29.81 1.66 -6.95	25.50 1.65 -3.02	26.89 1.80 -3.09	29.73 1.48 -9.35	317.89 1.50 -297.22	25.79 1.65 -5.16	23.77 1.89 0.00	42.93 1.81 -20.18	30.92 1.87 -7.85	30.14 1.69 -7.72	33.39 1.59 -11.09	22.31 1.40 -2.89	22.24 1.31 -0.66
TILDEN___115KV_TB1 80814	14.40 -0.06 0.00	15.67 -0.06 0.00	16.01 -0.06 0.00	15.61 -0.06 0.00	16.44 -0.05 0.00	17.78 -0.04 0.00	16.15 -0.06 0.00	17.98 -0.08 0.00	19.18 -0.07 0.00	17.90 -0.04 0.00	19.94 -0.04 0.00	21.15 -0.06 0.00	20.76 -0.08 0.00	21.89 -0.11 0.00	18.82 -0.09 0.00	19.06 -0.10 0.00	18.86 -0.12 0.00	21.74 -0.13 0.00	20.85 -0.08 0.00	21.13 -0.07 0.00	20.64 -0.09 0.00	20.60 -0.10 0.00	17.93 -0.09 0.00	20.24 -0.04 0.00
TRIGEN___CC 323695	34.65 0.95 -19.24	20.45 0.94 -3.79	19.46 0.91 -2.48	16.95 0.93 -0.35	19.24 0.95 -1.80	21.03 0.95 -2.26	26.95 0.95 -9.78	33.34 1.16 -14.11	32.83 1.24 -12.35	65.06 1.13 -45.99	38.90 1.18 -17.74	29.53 1.37 -6.95	25.31 1.46 -3.02	26.71 1.63 -3.09	29.60 1.35 -9.35	313.34 1.43 -292.74	25.64 1.49 -5.16	23.54 1.67 0.00	42.55 1.54 -20.07	30.53 1.47 -7.85	29.77 1.32 -7.72	33.11 1.32 -11.09	22.08 1.18 -2.89	22.05 1.11 -0.66
TRINITY__115KV__ 4 BK 55933	14.81 0.36 0.00	16.03 0.30 0.00	16.34 0.26 0.00	15.96 0.29 0.00	16.75 0.26 0.00	18.05 0.23 0.00	16.49 0.27 0.00	18.50 0.30 -0.13	19.48 0.24 0.00	18.10 0.14 -0.02	20.18 0.21 0.00	21.52 0.31 0.00	21.11 0.28 0.00	22.34 0.34 0.00	19.18 0.27 0.00	19.49 0.32 0.00	19.41 0.42 0.00	22.39 0.51 0.00	21.39 0.45 0.00	21.64 0.43 0.00	21.06 0.32 0.00	21.05 0.35 0.00	18.34 0.32 0.00	20.50 0.23 0.00

UNION___PROCESSING_DRP 323587	14.31 -0.15 0.00	15.58 -0.15 0.00	15.96 -0.11 0.00	15.52 -0.16 0.00	16.38 -0.11 0.00	17.81 -0.02 0.00	16.15 -0.07 0.00	17.99 -0.08 0.00	19.20 -0.05 0.00	17.99 0.05 0.00	20.00 0.03 0.00	21.06 -0.15 0.00	20.57 -0.26 0.00	21.55 -0.45 0.00	18.53 -0.37 0.00	18.78 -0.38 0.00	18.58 -0.40 0.00	21.37 -0.51 0.00	20.54 -0.40 0.00	20.82 -0.38 0.00	20.34 -0.40 0.00	20.26 -0.45 0.00	17.74 -0.28 0.00	20.12 -0.15 0.00
UPPER HUDSON___HYD 24058	15.52 1.07 0.00	16.86 1.13 0.00	17.19 1.11 0.00	16.77 1.09 0.00	17.66 1.17 0.00	19.09 1.27 0.00	17.49 1.28 0.00	19.59 1.39 -0.12	20.62 1.37 0.00	19.17 1.22 -0.02	21.34 1.37 0.00	22.71 1.51 0.00	22.11 1.28 0.00	23.50 1.50 0.00	20.08 1.17 0.00	20.35 1.18 0.00	20.33 1.34 0.00	23.74 1.86 0.00	22.72 1.78 0.00	22.90 1.69 0.00	22.38 1.64 0.00	22.39 1.68 0.00	19.45 1.43 0.00	21.75 1.48 0.00
UPPER RAQUET___HYD 24056	14.54 0.09 0.00	15.89 0.16 0.00	16.31 0.23 0.00	15.88 0.20 0.00	16.75 0.26 0.00	18.18 0.36 0.00	16.58 0.37 0.00	18.50 0.43 0.00	19.75 0.51 0.00	18.42 0.49 0.00	20.50 0.53 0.00	21.69 0.48 0.00	21.26 0.42 0.00	22.36 0.36 0.00	19.18 0.28 0.00	19.23 0.07 0.00	18.76 -0.23 0.00	21.54 -0.34 0.00	20.64 -0.30 0.00	21.14 -0.06 0.00	21.16 0.42 0.00	21.20 0.50 0.00	18.38 0.36 0.00	20.63 0.36 0.00
VALLEY44_115KV_TB2 355964	14.33 -0.12 0.00	15.70 -0.03 0.00	16.14 0.06 0.00	15.73 0.06 0.00	16.57 0.08 0.00	17.99 0.16 0.00	16.25 0.04 0.00	18.33 0.26 0.00	19.65 0.41 0.00	18.43 0.50 0.00	20.44 0.46 0.00	21.44 0.23 0.00	20.94 0.11 0.00	21.89 -0.11 0.00	18.79 -0.11 0.00	19.05 -0.12 0.00	18.83 -0.15 0.00	21.60 -0.28 0.00	20.70 -0.23 0.00	20.98 -0.23 0.00	20.42 -0.32 0.00	20.46 -0.25 0.00	17.88 -0.14 0.00	20.36 0.09 0.00
VALLEY___115KV_TB 1-4 80826	14.45 -0.01 0.00	15.69 -0.04 0.00	15.92 -0.15 0.00	15.53 -0.15 0.00	16.36 -0.14 0.00	17.70 -0.12 0.00	16.04 -0.18 0.00	17.91 -0.16 0.00	19.09 -0.15 0.00	17.84 -0.09 0.00	19.91 -0.07 0.00	21.11 -0.09 0.00	20.71 -0.12 0.00	22.01 0.01 0.00	18.92 0.02 0.00	19.07 -0.10 0.00	18.93 -0.05 0.00	21.86 -0.02 0.00	20.76 -0.18 0.00	21.11 -0.10 0.00	20.64 -0.09 0.00	20.68 -0.03 0.00	17.93 -0.09 0.00	20.06 -0.21 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	14.90 0.45 0.00	16.15 0.42 0.00	16.51 0.44 0.00	16.07 0.40 0.00	16.98 0.48 0.00	18.26 0.44 0.00	16.74 0.53 0.00	18.69 0.62 0.00	19.92 0.67 0.00	18.52 0.59 0.00	20.55 0.58 0.00	21.82 0.61 0.00	21.47 0.64 0.00	22.68 0.68 0.00	19.50 0.60 0.00	19.89 0.72 0.00	19.71 0.73 0.00	22.72 0.84 0.00	21.71 0.77 0.00	21.94 0.74 0.00	21.42 0.69 0.00	21.41 0.70 0.00	18.61 0.59 0.00	20.90 0.63 0.00
VISCHER___FERRY HYD 24020	15.09 0.64 0.00	16.38 0.65 0.00	16.69 0.62 0.00	16.31 0.64 0.00	17.11 0.62 0.00	18.46 0.64 0.00	16.84 0.63 0.00	18.90 0.70 -0.13	19.87 0.62 0.00	18.46 0.50 -0.02	20.57 0.59 0.00	21.93 0.73 0.00	21.47 0.64 0.00	22.75 0.75 0.00	19.52 0.61 0.00	19.81 0.64 0.00	19.72 0.74 0.00	22.80 0.92 0.00	21.81 0.87 0.00	22.07 0.86 0.00	21.49 0.76 0.00	21.50 0.79 0.00	18.72 0.70 0.00	20.94 0.66 0.00
V_A_10_SYNC_DSASP 323832	14.07 -0.39 0.00	15.35 -0.38 0.00	15.75 -0.32 0.00	15.31 -0.37 0.00	16.16 -0.33 0.00	17.60 -0.22 0.00	15.90 -0.31 0.00	17.69 -0.38 0.00	18.85 -0.39 0.00	17.71 -0.22 0.00	19.69 -0.29 0.00	20.65 -0.55 0.00	20.16 -0.68 0.00	21.06 -0.93 0.00	18.09 -0.78 0.04	17.89 -0.78 0.50	17.42 -0.81 0.75	20.82 -1.06 0.00	20.00 -0.93 0.00	20.26 -0.94 0.00	19.79 -0.95 0.00	19.71 -0.99 0.00	17.35 -0.66 0.00	19.78 -0.50 0.00
V_CMM_10_SYNC_DSASP 323787	14.37 -0.08 0.00	15.67 -0.06 0.00	16.05 -0.02 0.00	15.64 -0.04 0.00	16.47 -0.02 0.00	17.85 0.03 0.00	16.25 0.04 0.00	18.12 0.05 0.00	19.32 0.08 0.00	18.02 0.08 0.00	20.07 0.09 0.00	21.25 0.04 0.00	20.88 0.05 0.00	22.02 0.02 0.00	18.92 0.01 0.00	19.15 -0.02 0.00	18.91 -0.07 0.00	21.73 -0.15 0.00	20.80 -0.13 0.00	21.11 -0.09 0.00	20.80 0.06 0.00	20.76 0.05 0.00	18.04 0.02 0.00	20.30 0.02 0.00
V_CMP_10_SYNC_DSASP 323788	14.68 0.23 0.00	15.92 0.19 0.00	16.41 0.34 0.00	16.04 0.37 0.00	17.07 0.57 0.00	18.49 0.67 0.00	16.92 0.70 0.00	18.85 0.79 0.00	20.30 1.06 0.00	18.82 0.89 0.00	20.88 0.90 0.00	22.20 0.99 0.00	21.67 0.84 0.00	22.84 0.84 0.00	19.60 0.69 0.00	19.82 0.65 0.00	19.45 0.47 0.00	22.10 0.22 0.00	21.19 0.25 0.00	21.40 0.20 0.00	21.52 0.78 0.00	21.68 0.98 0.00	18.68 0.66 0.00	21.02 0.74 0.00
V_E_10_SYNC_DSASP 323830	15.23 0.77 0.00	16.57 0.84 0.00	16.89 0.82 0.00	16.42 0.75 0.00	17.51 1.01 0.00	18.95 1.13 0.00	17.21 1.00 0.00	19.25 1.19 0.00	20.40 1.16 0.00	18.94 1.00 0.00	21.10 1.12 0.00	22.22 1.01 0.00	22.00 1.16 0.00	23.23 1.23 0.00	20.11 1.21 0.00	20.23 1.06 0.00	19.96 0.97 0.00	22.98 1.11 0.00	21.96 1.03 0.00	22.62 1.42 0.00	22.21 1.47 0.00	22.17 1.46 0.00	19.13 1.12 0.00	21.48 1.20 0.00
V_F_30_NSYNC___DSASP 323816	15.33 0.88 0.00	16.65 0.92 0.00	16.97 0.90 0.00	16.57 0.90 0.00	17.41 0.92 0.00	18.81 0.99 0.00	17.19 0.98 0.00	19.28 1.09 -0.13	20.29 1.05 0.00	18.88 0.93 -0.02	21.03 1.05 0.00	22.39 1.19 0.00	21.90 1.07 0.00	23.23 1.23 0.00	19.92 1.02 0.00	20.21 1.04 0.00	20.11 1.12 0.00	23.32 1.44 0.00	22.32 1.39 0.00	22.56 1.36 0.00	22.01 1.27 0.00	21.98 1.27 0.00	19.11 1.09 0.00	21.39 1.12 0.00
V_F_30_SYNC_DSASP 323786	14.86 0.40 0.00	16.07 0.35 0.00	16.39 0.32 0.00	16.01 0.34 0.00	16.81 0.32 0.00	18.12 0.30 0.00	16.54 0.33 0.00	18.57 0.37 -0.13	19.69 0.45 0.00	18.37 0.42 -0.02	20.48 0.51 0.00	21.70 0.49 0.00	21.19 0.36 0.00	22.43 0.43 0.00	19.27 0.36 0.00	19.58 0.41 0.00	19.50 0.51 0.00	22.49 0.62 0.00	21.48 0.55 0.00	21.73 0.52 0.00	21.16 0.42 0.00	21.14 0.43 0.00	18.41 0.39 0.00	20.58 0.31 0.00
V_XM_10_SYNC_DSASP 323789	14.68 0.23 0.00	15.92 0.19 0.00	16.41 0.34 0.00	16.04 0.37 0.00	17.07 0.57 0.00	18.49 0.67 0.00	16.92 0.70 0.00	18.85 0.79 0.00	20.30 1.06 0.00	18.82 0.89 0.00	20.88 0.90 0.00	22.20 0.99 0.00	21.67 0.84 0.00	22.84 0.84 0.00	19.60 0.69 0.00	19.82 0.65 0.00	19.45 0.47 0.00	22.10 0.22 0.00	21.19 0.25 0.00	21.40 0.20 0.00	21.52 0.78 0.00	21.68 0.98 0.00	18.68 0.66 0.00	21.02 0.74 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	15.14 0.68 0.00	16.40 0.67 0.00	16.70 0.63 0.00	16.33 0.66 0.00	17.14 0.64 0.00	18.47 0.65 0.00	16.83 0.62 0.00	17.93 0.80 0.94	20.11 0.87 0.00	18.63 0.81 0.12	20.86 0.89 0.00	22.25 1.05 0.00	22.01 1.18 0.00	23.35 1.36 0.00	20.03 1.12 0.00	20.36 1.19 0.00	20.21 1.22 0.00	23.29 1.41 0.00	22.21 1.27 0.00	22.33 1.12 0.00	21.74 1.00 0.00	21.69 0.99 0.00	18.84 0.83 0.00	21.05 0.78 0.00

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	15.23 0.77 0.00	16.49 0.76 0.00	16.80 0.73 0.00	16.44 0.76 0.00	17.24 0.74 0.00	18.59 0.76 0.00	16.97 0.76 0.00	19.68 0.95 -0.66	20.27 1.03 0.00	18.99 0.97 -0.08	21.06 1.09 0.00	22.45 1.25 0.00	22.20 1.37 0.00	23.55 1.55 0.00	20.21 1.31 0.00	20.53 1.36 0.00	20.39 1.40 0.00	23.48 1.60 0.00	22.38 1.44 0.00	22.51 1.31 0.00	21.87 1.13 0.00	21.82 1.11 0.00	18.95 0.93 0.00	21.13 0.85 0.00
W50THST__13_KV_LOAD 356117	15.30 0.84 0.00	16.57 0.84 0.00	16.88 0.81 0.00	16.51 0.84 0.00	17.32 0.83 0.00	18.68 0.86 0.00	17.07 0.86 0.00	19.80 1.08 -0.66	20.41 1.17 0.00	19.13 1.11 -0.08	21.22 1.24 0.00	22.62 1.42 0.00	22.37 1.54 0.00	23.75 1.75 0.00	20.38 1.47 0.00	20.69 1.52 0.00	20.55 1.56 0.00	23.65 1.77 0.00	22.53 1.59 0.00	22.63 1.43 0.00	21.98 1.24 0.00	21.91 1.21 0.00	19.03 1.02 0.00	21.22 0.94 0.00
WADING RIVER_IC_1 23522	34.56 0.86 -19.24	20.42 0.90 -3.79	19.49 0.94 -2.48	16.99 0.97 -0.35	19.28 0.98 -1.80	21.02 0.93 -2.26	26.81 0.82 -9.78	33.18 1.01 -14.11	32.67 1.08 -12.35	64.91 0.99 -45.99	38.71 0.99 -17.74	29.36 1.20 -6.95	25.06 1.21 -3.02	26.44 1.35 -3.09	29.34 1.09 -9.35	317.51 1.12 -297.22	25.40 1.26 -5.16	23.28 1.40 0.00	42.44 1.32 -20.18	30.43 1.38 -7.85	29.68 1.23 -7.72	32.95 1.15 -11.09	21.94 1.04 -2.89	21.84 0.90 -0.66
WADING RIVER_IC_2 23547	34.56 0.86 -19.24	20.42 0.90 -3.79	19.49 0.94 -2.48	16.99 0.97 -0.35	19.28 0.98 -1.80	21.02 0.93 -2.26	26.81 0.82 -9.78	33.18 1.01 -14.11	32.67 1.08 -12.35	64.91 0.99 -45.99	38.71 0.99 -17.74	29.36 1.20 -6.95	25.06 1.21 -3.02	26.44 1.35 -3.09	29.34 1.09 -9.35	317.51 1.12 -297.22	25.40 1.26 -5.16	23.28 1.40 0.00	42.44 1.32 -20.18	30.43 1.38 -7.85	29.68 1.23 -7.72	32.95 1.15 -11.09	21.94 1.04 -2.89	21.84 0.90 -0.66
WADING RIVER_IC_3 23601	34.56 0.86 -19.24	20.42 0.90 -3.79	19.49 0.94 -2.48	16.99 0.97 -0.35	19.28 0.98 -1.80	21.02 0.93 -2.26	26.81 0.82 -9.78	33.18 1.01 -14.11	32.67 1.08 -12.35	64.91 0.99 -45.99	38.71 0.99 -17.74	29.36 1.20 -6.95	25.06 1.21 -3.02	26.44 1.35 -3.09	29.34 1.09 -9.35	317.51 1.12 -297.22	25.40 1.26 -5.16	23.28 1.40 0.00	42.44 1.32 -20.18	30.43 1.38 -7.85	29.68 1.23 -7.72	32.95 1.15 -11.09	21.94 1.04 -2.89	21.84 0.90 -0.66
WALDENNY_12_KV_BK2 80841	14.18 -0.27 0.00	15.49 -0.24 0.00	15.90 -0.18 0.00	15.44 -0.23 0.00	16.32 -0.17 0.00	17.80 -0.02 0.00	16.08 -0.14 0.00	17.93 -0.14 0.00	19.16 -0.09 0.00	18.03 0.10 0.00	20.03 0.06 0.00	20.95 -0.26 0.00	20.43 -0.41 0.00	21.33 -0.66 0.00	18.32 -0.54 0.05	18.05 -0.54 0.58	17.55 -0.56 0.87	21.11 -0.76 0.00	20.29 -0.64 0.00	20.56 -0.64 0.00	20.05 -0.69 0.00	19.98 -0.72 0.00	17.58 -0.43 0.00	20.05 -0.23 0.00
WALDEN__HYDRO 24148	15.13 0.68 0.00	16.40 0.67 0.00	16.71 0.64 0.00	16.32 0.65 0.00	17.14 0.65 0.00	18.48 0.66 0.00	16.87 0.65 0.00	18.77 0.84 0.13	20.15 0.91 0.00	18.72 0.80 0.02	20.83 0.85 0.00	22.16 0.96 0.00	21.86 1.03 0.00	23.23 1.23 0.00	19.92 1.02 0.00	20.23 1.07 0.00	20.18 1.20 0.00	23.29 1.41 0.00	22.21 1.27 0.00	22.34 1.14 0.00	21.77 1.03 0.00	21.73 1.02 0.00	18.88 0.86 0.00	21.08 0.81 0.00
WARRENSBURG____ 23737	15.52 1.07 0.00	16.86 1.13 0.00	17.19 1.11 0.00	16.77 1.09 0.00	17.66 1.17 0.00	19.09 1.27 0.00	17.49 1.28 0.00	19.59 1.39 -0.12	20.62 1.37 0.00	19.17 1.22 -0.02	21.34 1.37 0.00	22.71 1.51 0.00	22.11 1.28 0.00	23.50 1.50 0.00	20.08 1.17 0.00	20.35 1.18 0.00	20.33 1.34 0.00	23.74 1.86 0.00	22.72 1.78 0.00	22.90 1.69 0.00	22.38 1.64 0.00	22.39 1.68 0.00	19.45 1.43 0.00	21.75 1.48 0.00
WATERSIDE____6 8 9 23538	15.23 0.77 0.00	16.49 0.76 0.00	16.79 0.72 0.00	16.42 0.75 0.00	17.23 0.73 0.00	18.56 0.74 0.00	16.96 0.74 0.00	19.66 0.93 -0.66	20.25 1.00 0.00	18.98 0.96 -0.08	21.02 1.05 0.00	22.41 1.21 0.00	22.16 1.33 0.00	23.52 1.52 0.00	20.18 1.28 0.00	20.50 1.34 0.00	20.35 1.37 0.00	23.45 1.57 0.00	22.36 1.42 0.00	22.48 1.28 0.00	21.85 1.12 0.00	21.80 1.10 0.00	18.95 0.93 0.00	21.12 0.85 0.00
WATKINRD_115KV_LN8_ILLION 55919	14.46 0.01 0.00	15.72 -0.01 0.00	16.00 -0.07 0.00	15.61 -0.06 0.00	16.42 -0.07 0.00	17.75 -0.07 0.00	16.12 -0.09 0.00	18.00 -0.07 0.00	19.16 -0.08 0.00	17.86 -0.07 0.00	19.91 -0.06 0.00	21.15 -0.06 0.00	20.75 -0.08 0.00	22.02 0.02 0.00	18.92 0.01 0.00	19.12 -0.05 0.00	18.98 0.00 0.00	21.92 0.04 0.00	20.93 -0.01 0.00	21.21 0.01 0.00	20.71 -0.03 0.00	20.70 -0.01 0.00	17.98 -0.04 0.00	20.15 -0.12 0.00
WATSON____69_KV_BK 1 55734	34.90 1.20 -19.24	20.73 1.22 -3.79	19.77 1.22 -2.48	17.23 1.21 -0.35	19.54 1.25 -1.80	21.35 1.27 -2.26	27.23 1.24 -9.78	33.67 1.50 -14.11	33.19 1.60 -12.35	65.39 1.47 -45.99	39.24 1.52 -17.74	29.90 1.74 -6.95	25.62 1.78 -3.02	27.01 1.92 -3.09	29.88 1.63 -9.35	315.25 1.74 -294.35	26.00 1.86 -5.16	23.86 1.98 0.00	42.90 1.85 -20.11	31.00 1.95 -7.85	30.25 1.80 -7.72	33.54 1.74 -11.09	22.43 1.53 -2.89	22.40 1.47 -0.66
WDELAWARE__HYD 323627	14.73 0.28 0.00	15.94 0.21 0.00	16.25 0.18 0.00	15.86 0.18 0.00	16.71 0.22 0.00	17.98 0.16 0.00	16.50 0.29 0.00	18.39 0.45 0.12	19.76 0.51 0.00	18.29 0.37 0.02	20.21 0.24 0.00	21.54 0.34 0.00	21.22 0.38 0.00	22.58 0.58 0.00	19.41 0.50 0.00	19.81 0.65 0.00	19.74 0.76 0.00	22.80 0.92 0.00	21.73 0.79 0.00	21.86 0.66 0.00	21.31 0.58 0.00	21.27 0.56 0.00	18.47 0.45 0.00	20.64 0.37 0.00
WEST BABYLON__IC 23714	34.86 1.16 -19.24	20.68 1.17 -3.79	19.72 1.16 -2.48	17.19 1.17 -0.35	19.49 1.20 -1.80	21.30 1.22 -2.26	27.18 1.19 -9.78	33.62 1.44 -14.11	33.13 1.53 -12.35	65.32 1.40 -45.99	39.20 1.48 -17.74	29.83 1.67 -6.95	25.58 1.73 -3.02	26.97 1.88 -3.09	29.84 1.58 -9.35	311.11 1.70 -290.24	25.95 1.80 -5.16	23.83 1.95 0.00	42.77 1.82 -20.02	30.92 1.87 -7.85	30.17 1.72 -7.72	33.48 1.69 -11.09	22.39 1.49 -2.89	22.35 1.42 -0.66
WEST CANADA__HYD 24049	14.47 0.01 0.00	15.75 0.02 0.00	16.08 0.01 0.00	15.69 0.02 0.00	16.50 0.01 0.00	17.82 0.00 0.00	16.21 0.00 0.00	18.07 0.00 0.00	19.24 0.00 0.00	17.93 0.00 0.00	19.98 0.00 0.00	21.22 0.01 0.00	20.83 0.00 0.00	22.02 0.01 0.00	18.91 0.00 0.00	19.17 0.00 0.00	19.00 0.01 0.00	21.90 0.02 0.00	20.96 0.02 0.00	21.23 0.02 0.00	20.74 0.00 0.00	20.71 0.00 0.00	18.02 0.00 0.00	20.27 -0.01 0.00
WESTERN_NY_WIND 24143	14.29 -0.16 0.00	15.60 -0.13 0.00	15.99 -0.08 0.00	15.54 -0.14 0.00	16.41 -0.08 0.00	17.93 0.11 0.00	16.16 -0.05 0.00	18.03 -0.04 0.00	19.20 -0.05 0.00	18.07 0.13 0.00	20.03 0.05 0.00	20.97 -0.24 0.00	20.48 -0.36 0.00	21.36 -0.64 0.00	18.33 -0.51 0.06	17.83 -0.55 0.79	17.13 -0.67 1.19	21.10 -0.78 0.00	20.34 -0.60 0.00	20.65 -0.55 0.00	20.19 -0.55 0.00	20.08 -0.63 0.00	17.66 -0.36 0.00	20.10 -0.17 0.00

WESTOVER___LESR 323668	14.53 0.07 0.00	15.83 0.10 0.00	16.18 0.11 0.00	15.78 0.11 0.00	16.63 0.14 0.00	17.97 0.15 0.00	16.31 0.10 0.00	18.27 0.20 0.00	19.51 0.27 0.00	18.22 0.29 0.00	20.26 0.29 0.00	21.48 0.27 0.00	21.11 0.27 0.00	22.28 0.28 0.00	19.19 0.27 -0.01	19.59 0.28 -0.14	19.44 0.24 -0.22	22.10 0.22 0.00	21.15 0.21 0.00	21.41 0.20 0.00	20.87 0.13 0.00	20.87 0.17 0.00	18.15 0.13 0.00	20.49 0.21 0.00
WETHRSFD_WT_PWR 323626	14.02 -0.44 0.00	15.33 -0.39 0.00	15.77 -0.30 0.00	15.32 -0.36 0.00	16.16 -0.33 0.00	17.59 -0.23 0.00	15.94 -0.28 0.00	17.85 -0.21 0.00	19.17 -0.08 0.00	17.98 0.04 0.00	19.91 -0.07 0.00	20.31 -0.54 0.36	-3.57 -0.86 23.54	-19.53 -1.15 40.38	-21.59 -0.95 39.54	-19.68 -0.96 37.89	1.60 -0.87 16.51	21.00 -0.88 0.00	20.27 -0.67 0.00	20.64 -0.56 0.00	20.15 -0.59 0.00	20.09 -0.61 0.00	17.59 -0.42 0.00	20.07 -0.21 0.00
WHAVSTOR_138KV_BK127 55557	15.08 0.63 0.00	16.34 0.61 0.00	16.63 0.56 0.00	16.28 0.61 0.00	17.07 0.58 0.00	18.40 0.59 0.00	16.77 0.56 0.00	17.84 0.72 0.95	20.02 0.78 0.00	18.54 0.73 0.12	20.77 0.80 0.00	22.15 0.94 0.00	21.91 1.08 0.00	23.24 1.25 0.00	19.93 1.02 0.00	20.25 1.08 0.00	20.10 1.12 0.00	23.17 1.30 0.00	22.10 1.16 0.00	22.22 1.02 0.00	21.64 0.90 0.00	21.59 0.89 0.00	18.77 0.75 0.00	20.96 0.69 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	15.08 0.63 0.00	16.34 0.61 0.00	16.63 0.56 0.00	16.28 0.61 0.00	17.07 0.58 0.00	18.40 0.59 0.00	16.77 0.56 0.00	17.84 0.72 0.95	20.02 0.78 0.00	18.54 0.73 0.12	20.77 0.80 0.00	22.15 0.94 0.00	21.91 1.08 0.00	23.24 1.25 0.00	19.93 1.02 0.00	20.25 1.08 0.00	20.10 1.12 0.00	23.17 1.30 0.00	22.10 1.16 0.00	22.22 1.02 0.00	21.64 0.90 0.00	21.59 0.89 0.00	18.77 0.75 0.00	20.96 0.69 0.00
WHITEHAL_115KV_TB1 80871	15.82 1.37 0.00	17.20 1.47 0.00	17.53 1.46 0.00	17.06 1.39 0.00	18.08 1.59 0.00	19.56 1.74 0.00	18.03 1.81 0.00	19.98 1.79 -0.13	20.96 1.72 0.00	19.50 1.55 -0.02	21.62 1.64 0.00	23.27 2.06 0.00	22.61 1.78 0.00	24.03 2.03 0.00	20.57 1.66 0.00	20.73 1.56 0.00	20.68 1.70 0.00	24.32 2.44 0.00	23.20 2.26 0.00	23.41 2.21 0.00	22.84 2.11 0.00	23.03 2.33 0.00	20.12 2.10 0.00	22.45 2.18 0.00
WHITEPLN_13_KV_LOAD 356215	15.24 0.78 0.00	16.53 0.81 0.00	16.82 0.75 0.00	16.47 0.79 0.00	17.25 0.76 0.00	18.63 0.81 0.00	16.96 0.75 0.00	19.72 0.95 -0.70	20.26 1.02 0.00	19.02 1.00 -0.09	21.11 1.13 0.00	22.50 1.29 0.00	22.23 1.40 0.00	23.60 1.60 0.00	20.25 1.34 0.00	20.50 1.33 0.00	20.34 1.35 0.00	23.44 1.57 0.00	22.35 1.42 0.00	22.48 1.28 0.00	21.86 1.12 0.00	21.82 1.11 0.00	18.95 0.94 0.00	21.16 0.88 0.00
WM_FLOYD_69_KV_BK2 356380	34.69 0.99 -19.24	20.54 1.02 -3.79	19.59 1.04 -2.48	17.09 1.07 -0.35	19.37 1.09 -1.80	21.14 1.06 -2.26	26.97 0.98 -9.78	33.37 1.19 -14.11	32.87 1.27 -12.35	65.08 1.16 -45.99	38.89 1.18 -17.74	29.56 1.41 -6.95	25.26 1.41 -3.02	26.63 1.54 -3.09	29.52 1.26 -9.35	317.71 1.32 -297.22	25.60 1.46 -5.16	23.49 1.61 0.00	42.65 1.53 -20.18	30.63 1.57 -7.85	29.87 1.42 -7.72	33.15 1.36 -11.09	22.12 1.22 -2.89	22.06 1.12 -0.66
WOODARD__115KV_TB2 355635	14.31 -0.15 0.00	15.58 -0.15 0.00	15.91 -0.16 0.00	15.52 -0.16 0.00	16.34 -0.15 0.00	17.67 -0.15 0.00	16.04 -0.17 0.00	17.85 -0.22 0.00	19.03 -0.21 0.00	17.76 -0.17 0.00	19.80 -0.18 0.00	21.00 -0.21 0.00	20.60 -0.24 0.00	21.71 -0.29 0.00	18.67 -0.24 0.00	18.92 -0.25 0.00	18.72 -0.26 0.00	21.59 -0.29 0.00	20.70 -0.24 0.00	20.97 -0.23 0.00	20.49 -0.24 0.00	20.45 -0.26 0.00	17.80 -0.21 0.00	20.11 -0.16 0.00
YORK___WARBASSE 23770	15.28 0.82 0.00	16.56 0.83 0.00	16.86 0.79 0.00	16.49 0.81 0.00	17.30 0.81 0.00	18.65 0.83 0.00	17.04 0.82 0.00	19.73 1.00 -0.66	20.31 1.07 0.00	19.04 1.03 -0.08	21.10 1.12 0.00	22.49 1.28 0.00	22.24 1.41 0.00	23.59 1.59 0.00	20.25 1.35 0.00	20.59 1.42 -0.01	20.43 1.45 0.00	23.55 1.67 0.00	22.44 1.50 0.00	22.58 1.38 0.00	21.96 1.22 -0.01	21.91 1.20 -0.01	19.04 1.02 0.00	21.22 0.94 0.00